

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: DA FEE	6. SURFACE: FEE
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: CrownQuest Operating, LLC				9. WELL NAME and NUMBER: Raider 1-17 Fee	
3. ADDRESS OF OPERATOR: P.O. Box 2221 CITY Farmington STATE NM ZIP 87499			PHONE NUMBER: (505) 325-5750		
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1000' FSL x 1980' FEL AT PROPOSED PRODUCING ZONE: same				10. FIELD AND POOL, OR WILDCAT: Wildcat	
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 17 33S 25E					
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 8 miles east of Monticello				12. COUNTY: San Juan	
				13. STATE: UTAH	
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1000'		16. NUMBER OF ACRES IN LEASE: N/A		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 160	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 1640'		19. PROPOSED DEPTH: 6,085		20. BOND DESCRIPTION: RLB 0007554	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6751' GL		22. APPROXIMATE DATE WORK WILL START: 1/15/2008		23. ESTIMATED DURATION: 60 days	

24. PROPOSED CASING AND CEMENTING PROGRAM						
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT	
16"	13 3/8"	H40	48	150	class 'G', 250 sks	1.15 cf/sk 15.8 ppg
12 1/4"	9 5/8"	J55	36	2,300	65/35 Poz, 575 sks	1.75 cf/sk 12.8 ppg
					class 'G', 100 sks	1.15 cf/sk 15.8 ppg
7 7/8"	5 1/2"	P110	17	6,085	25/75 Poz, 600 sks	1.74 cf/sk 11.8 ppg
					LiteCrete, 300 sks	1.61 cf/sk 12.5 ppg

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER <input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) <u>Robert R. Griffie</u>	TITLE <u>Operations Manager</u>
SIGNATURE <u></u>	DATE <u>8/22/2007</u>

(This space for State use only)

API NUMBER ASSIGNED: 43-037-31871

APPROVAL:

RECEIVED
AUG 31 2007

DIV. OF OIL, GAS & MINING






UTAH WELL LOCATION PLAT

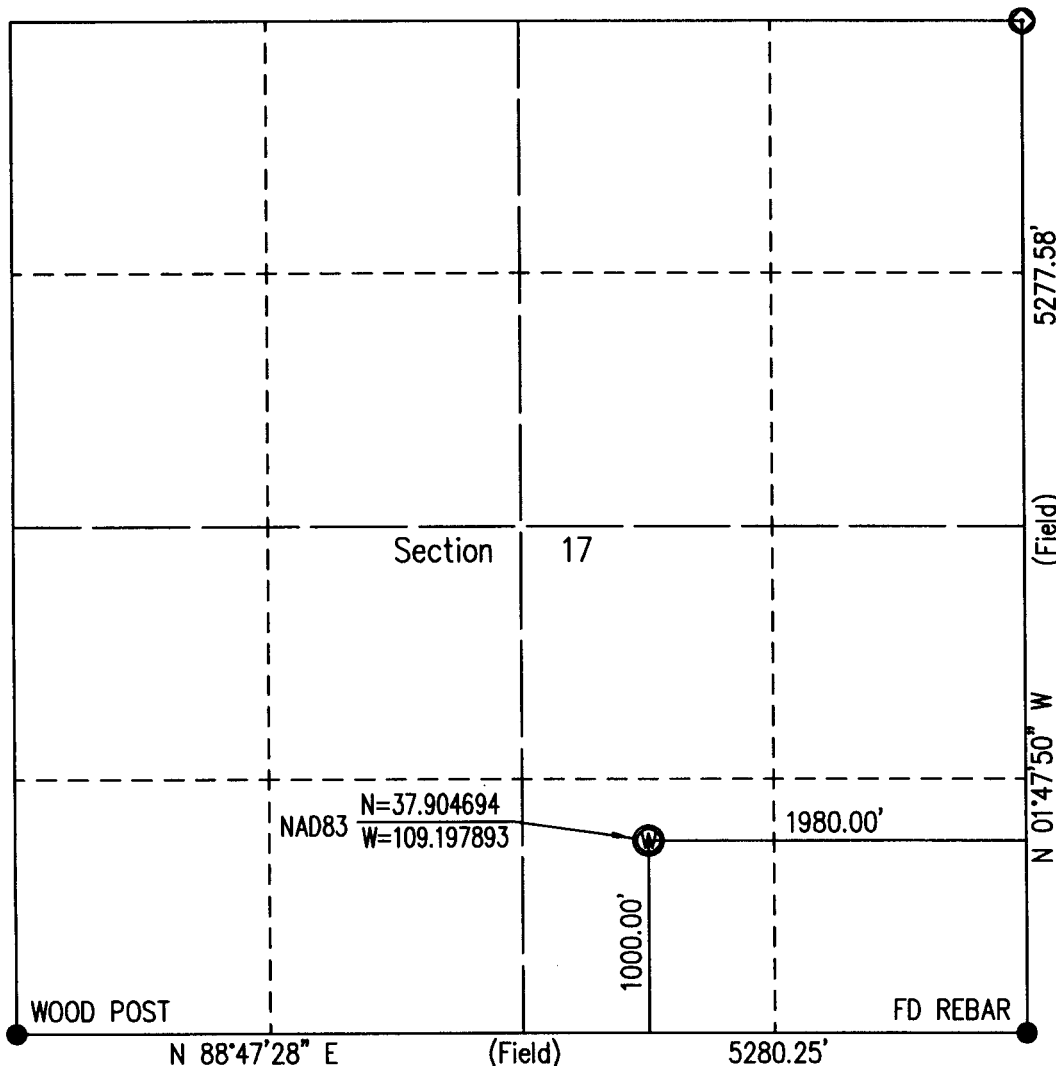
OPERATOR Crown Quest Operating
 LEASE RAIDER WELL NO. 1-17 FEE
 SECTION 17 TOWNSHIP 33 South RANGE 25 East 6th, P.M.
 COUNTY San Juan UTAH
 FOOTAGE LOCATION OF WELL: 1000.00' FEET FROM THE South LINE and
1980.00' FEET FROM THE East LINE and
 GROUND LEVEL ELEVATION: 6750.55'
 SURFACE USE WITHIN 200' RADIUS: No Improvements Within 200'
 BASIS OF BEARING: GPS Data
 BASIS OF ELEVATION: GPS Data - NAD 83 - PDOP #1.9



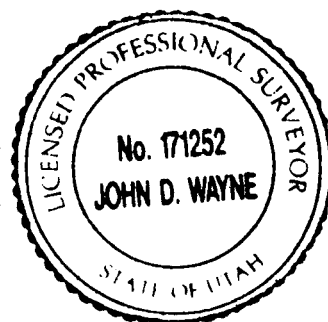
500' 500'
 1" = 1000'

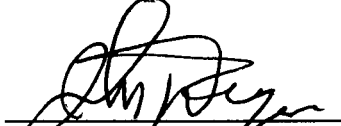
Some information on this plat is based on information taken from previous surveys, record information, or collateral evidence and may not reflect that which may be disclosed by a complete boundary survey. This plat is not to be relied on for the establishment of surface boundaries, fences, buildings, or other future improvements.

-  GLO BC
-  WELL Location
-  STONE Marked
-  ALUMINUM CAP
-  CALCULATED CORNER



I hereby certify that the proposed well location shown on this plat was prepared from field notes of an actual survey by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief, and that there are no visible improvements within 200 feet of this proposed wellhead, unless noted otherwise.




 John D. Wayne
 Professional L.S. #171252
 State of Utah

AUGUST 15, 2007
 Date Surveyed:
AUGUST 20, 2007
 Date Platted:



2007-11 CrownQuest Raider ST 1-17

Casing Schematic

BHP Surf

$$0.052(2300)8.4 = 1005 \text{ psi}$$

13-3/8"
MW 8.4

Gas $.12(2300) = 276$

$$1005 - 276 = 729 \text{ psi, MASP}$$

BOPE 2M to 2300' ✓

Burst 1730

70% - 1211 psi

Max P @ cond. shoe

$$.22(2150) = 473$$

$$1005 - 473 = 532 \text{ psi}$$

test to 550 psi

9-5/8"
MW 8.4
Frac 19.3

BHP $0.052(6085)9.2 = 2911 \text{ psi}$
anticipate 2714 psi

Gas $.12(6085) = 730$

$$2911 - 730 = 2181 \text{ psi, MASP}$$

BOPE 2300 to TD
3M ✓

Burst 3520

70% - 2464 psi

Max P @ surf. shoe

$$.22(3785) = 833$$

$$2911 - 833 = 2078 \text{ psi}$$

test to 2000 psi ✓

5-1/2"
MW 9.2

Stop surf. cont. ✓

✓ Asequate D&D 11/21/07

Surface

151
182

TOC @ Burro Canyon
Conductor
150. MD

520' Entrada w/10% ✓ test p

TOC @ 532
to surf. w/10%

TOC @ 677.

1200' Nadejo

2090' Chirle

Surface
2300. MD

2615' Shinarump
2690' Moenkopi
2800' ± BMSW

3010' Cutler

4335' Honaker Trail

5780' Upper Ismay

6030' Desert Creek

Production
6085. MD

Well name:	2007-11 CrownQuest Raider ST 1-17		
Operator:	CrownQuest Operating , LLC		
String type:	Conductor	Project ID:	43-037-31871
Location:	San Juan County		

Design parameters:

Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 77 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 47 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 65 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.
Neutral point: 132 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	150	13.375	48.00	H-40	ST&C	150	150	12.59	132.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	65	740	11.306	65	1730	26.43	6	322	50.99 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: 801-538-5357
FAX: 801-359-3940

Date: November 16, 2007
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 150 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	2007-11 CrownQuest Raider ST 1-17		
Operator:	CrownQuest Operating , LLC		
String type:	Surface	Project ID:	43-037-31871
Location:	San Juan County		

Design parameters:
Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 107 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 250 ft

Cement top: 532 ft

Burst

Max anticipated surface pressure: 2,024 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,300 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 2,014 ft

Non-directional string.
Re subsequent strings:

Next setting depth: 6,085 ft
Next mud weight: 9.200 ppg
Next setting BHP: 2,908 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,300 ft
Injection pressure: 2,300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2300	9.625	36.00	J-55	LT&C	2300	2300	8.796	998.3

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1004	2020	2.013	2300	3520	1.53	73	453	6.25 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Minerals

Phone: 801-538-5357
FAX: 801-359-3940

Date: November 16, 2007
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2300 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	2007-11 CrownQuest Raider ST 1-17		
Operator:	CrownQuest Operating , LLC		
String type:	Production	Project ID:	43-037-31871
Location:	San Juan County		

Design parameters:

Collapse

Mud weight: 9.200 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 160 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 677 ft

Burst

Max anticipated surface pressure: 1,569 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,908 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 5,236 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6085	5.5	17.00	P-110	LT&C	6085	6085	4.767	794.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2908	7480	2.572	2908	10640	3.66	89	445	5.00 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Minerals

Phone: 801-538-5357
FAX: 801-359-3940

Date: November 16, 2007
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6085 ft, a mud weight of 9.2 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

From: Robert Clark
To: Mason, Diana
Date: 9/17/2007 10:24 AM
Subject: RDCC short turn-around comments

CC: Anderson, Tad; McNeill, Dave; Wright, Carolyn
The following comments are submitted on short turn-around items **RDCC #8425 through RDCC #8432.**

RDCC #8425, Comments begin: The Petro-Canada Resources (USA), Inc. proposal to drill the State 32-11 wildcat well, in Emery County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm. **Comments end.**

RDCC #8426, Comments begin: The CrownQuest Operating, LLC proposal to drill the Raider 1-17 wildcat well, in San Juan County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

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RDCC #8427, Comments begin: The CrownQuest Operating, LLC proposal to drill the Dragon State 1-13 wildcat well, in San Juan County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm. **Comments end.**

RDCC #8428, Comments begin: The CrownQuest Operating, LLC proposal to drill the Banana Slug Federal 1-8 wildcat well, in San Juan County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing

vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm. **Comments end.**

RDCC #8429, Comments begin: The CrownQuest Operating, LLC proposal to drill the Anteater State 1-21 wildcat well, in San Juan County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm. **Comments end.**

RDCC #8430, Comments begin: The CrownQuest Operating, LLC proposal to drill the Chanticleer State 1-32 wildcat well, in San Juan County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm. **Comments end.**

RDCC #8431, Comments begin: The CrownQuest Operating, LLC proposal to drill the Explorer State 1-16 wildcat well, in San Juan County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm. **Comments end.**

RDCC #8432, Comments begin: The Delta Petroleum Corporation proposal to drill the Greentown State #31-362216 wildcat well, in Grand County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm. **Comments end.**

Robert Clark
Division of Air Quality
801-536-4435

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/31/2007

API NO. ASSIGNED: 43-037-31871

WELL NAME: RAIDER 1-17 FEE

OPERATOR: CROWNQUEST OPERATING, (N2685)

PHONE NUMBER: 505-325-5750

CONTACT: ROBERT GRIFFEE

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	<i>QUD</i>	<i>11/21/07</i>
Geology		
Surface		

PROPOSED LOCATION:

SWSE 17 330S 250E

SURFACE: *1099* FSL *1978* FEL

BOTTOM: *1099* FSL *1978* FEL

COUNTY: SAN JUAN

LATITUDE: 37.90466 LONGITUDE: -109.1973

UTM SURF EASTINGS: 658488 NORTHINGS: 4196563

FIELD NAME: WILDCAT (1)

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

PROPOSED FORMATION: DSCR

SURFACE OWNER: 4 - Fee

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[]
 (No. RLB0007554)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
 (No. MUNICIPAL)
☒ RDCC Review *(Y/N)*
 (Date: 09/25/2007)
☒ Fee Surf Agreement *(Y/N)*
uh ☒ Intent to Commingle *(Y/N)*

LOCATION AND SITING:

 R649-2-3.
Unit:
 R649-3-2. General
☒ Siting: 460 From Qtr/Qtr & 920' Between Wells
 R649-3-3. Exception
 Drilling Unit
 Board Cause No:
 Eff Date:
 Siting:
 R649-3-11. Directional Drill

COMMENTS: Needs Presto (11-14-07)

STIPULATIONS: 1- Spacing Strip
2- Surface Log Cont St. P
3- STATEMENT OF BASIS

T.33S R.25E

7

8

9

18

17

16

SITTON 1
◇

RAIDER 1-17 FEE
⊙

SITTON 2
◇

21

SITTON 3
◇

OPERATOR: CROWNQUEST OPER (N2685)

SEC: 17 T.33S R. 25E

FIELD: WILDCAT (001)

COUNTY: SAN JUAN

SPACING: R649-3-3 / EXCEPTION LOCATION

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



PREPARED BY: DIANA MASON
DATE: 10-SEPTEMBER-2007

Application for Permit to Drill

Statement of Basis

11/23/2007

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
567	43-037-31871-00-00		GW	P	No
Operator	CROWNQUEST OPERATING, LLC		Surface Owner-APD		
Well Name	RAIDER 1-17 FEE		Unit		
Field	WILDCAT		Type of Work		
Location	SWSE 17 33S 25E S 1099 FSL 1978 FEL GPS Coord (UTM) 658487E 4196593N				

Geologic Statement of Basis

Significant volumes of high quality ground water are likely to be encountered at this location. A moderately permeable soil is likely to be developed on the Quaternary eolian loess surface deposits in the area. A relatively thin Dakota Sandstone/ Burrow Canyon Formation is likely to be encountered below the loess but above the Morrison Formation. Two underground sources of water have been filed upon with the Division of Water Rights. Their depth is not recorded but one is listed as a 4" casing head. They are most likely producing from the Dakota Sandstone. The base of moderately saline ground water in a nearby well was determined to be at about 4,000 feet of elevation, which corresponds to the Moenkopi Formation at around 2,800' TD according to the geologic prognosis. If this is so, it is likely that fresh water may also be found in the Morrison Formation, the Entrada Sandstone, and the Navajo Sandstone. The proposed drilling, casing and cementing program should adequately isolate any zones of fresh water that may be penetrated.

Chris Kierst
APD Evaluator

11/7/2007
Date / Time

Surface Statement of Basis

On-site evaluation completed November 14, 2007, attending: Bart Kettle-Division of Oil, Gas and Mining (DOGM), Ed Bonner-Trust Lands Administration (SITLA), Donal Key-CrownQuest Operating, LLC. Invited and leaving prior to on-site being conducted: Sue Holiday-surface owner.

Reserve pit requires a liner to prevent migration of materials into shallow high quality water zones commonly found within the project area. A fence will be required around the reserve pit to prevent entrance and entrapment of livestock and wildlife.

Bart Kettle
Onsite Evaluator

11/14/2007
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator CROWNQUEST OPERATING, LLC
Well Name RAIDER 1-17 FEE
API Number 43-037-31871-0 **APD No** 567 **Field/Unit** WILDCAT
Location: 1/4,1/4 SWSE **Sec** 17 **Tw** 33S **Rng** 25E 1099 FSL 1978 FEL
GPS Coord (UTM) **Surface Owner**

Participants

Bart Kettle-Division of Oil, Gas and Mining (DOGM), Ed Bonner-Trust Lands Administration (SITLA), Donal Key-CrownQuest Operating, LLC

Regional/Local Setting & Topography

Proposed project location is ~10 miles east of Monticello, San Juan County, Utah. The immediate area surrounding the proposed well is a mixture of CRP and dry land agriculture fields. Project is staked on fee surface owned by Sue Holiday of Moab. Access to this well will be along existing County maintained roads and approximately 8700' of upgraded two track. Regionally the project site is located along the eastern edge of the Canyon lands portion or the Colorado Plateau. Topography is a series of large mesas cut by sandstone outcrops and narrow canyons. Drainage is to the southwest entering Montezuma Creek within 15 miles. Locally a majority of the surface is being used for dry land farming or CRP pastures.

Surface Use Plan

Current Surface Use

Grazing
Wildlife Habitat

New Road

Miles	Well Pad	Src Const Material	Surface Formation
1.5	Width 300	Length 300	MNCS

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Flora
Grass: Crested wheat grass
Shrubs: Wyoming sage
Trees: Utah Juniper, two needle pinion

Soil Type and Characteristics

Gray clay loam

Erosion Issues Y

Soils erosive when disturbed, no mitigation recommended.

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N

Paleo Potential Observed?

Cultural Survey Run? N

Cultural Resources?

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet) 100 to 200

5

Distance to Surface Water (feet) >1000

0

Dist. Nearest Municipal Well (ft) >5280

0

Distance to Other Wells (feet) >1320

0

Native Soil Type Mod permeability

10

Fluid Type Fresh Water

5

Drill Cuttings Salt or Detrimental

10

Annual Precipitation (inches) 10 to 20

5

Affected Populations <10

0

Presence Nearby Utility Conduits Not Present

0

Final Score

35

1

Sensitivity Level

Characteristics / Requirements

Closed Loop Mud Required? N

Liner Required? Y

Liner Thickness 16

Pit Underlayment Required? N

Other Observations / Comments


Landowner invited to on-site, left project site prior to conducting on-site evaluation. Per land owner request well moved 100' to the north and access road re-routed.

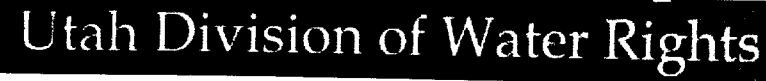

Bart Kettle

11/14/2007

Evaluator

Date / Time

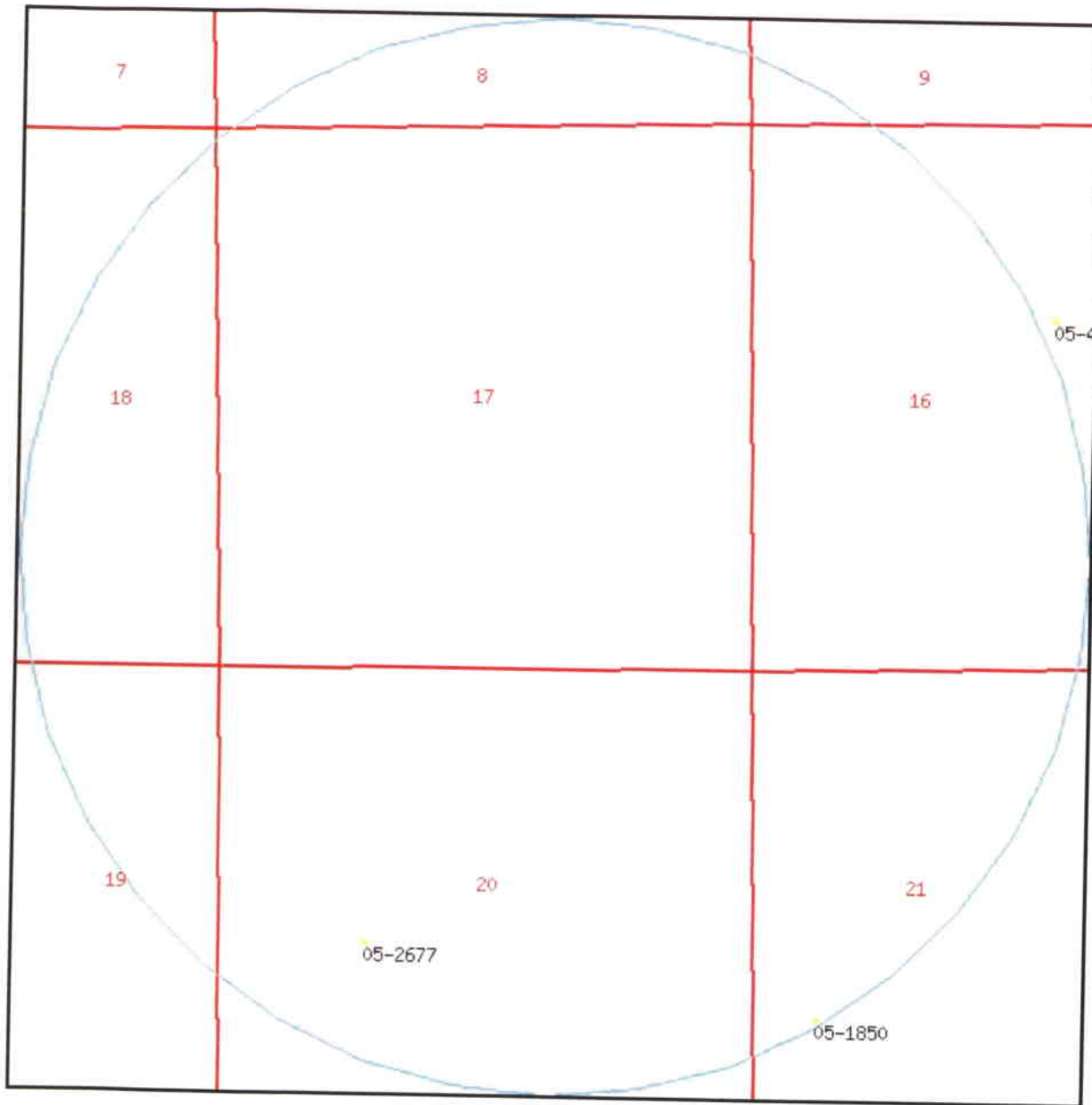
 [Online Services](#) [Agency List](#) [Business](#)

WRPLAT Program Output Listing

Version: 2007.04.13.01 Rundate: 11/07/2007 09:51 AM

Radius search of 5280 feet from a point N1099.67 W1978.9 from the SE corner, section 17, Township 33S, Range 25E, SL b&m
Criteria:wrtypes=W,C,E podtypes=S,U,Sp status=U,A,P usetypes=all




Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
<u>05-1850</u>	Underground N1850 E550 SW 21 33S 25E SL		P	19840418	DIS	0.015	0.000	JEFFERY & WENDY BRANDT JOINT TENNANTS
<u>05-2677</u>	Underground S20 E1425 W4 20 33S 25E SL		A	19970910	S	0.000	1.400	SUZANNE A. HALLIDAY P.O. BOX 246
<u>05-481</u>	Surface S1872 E3036 NW 16 33S 25E SL		P	19630614	S	0.000	2.000	JOHN C. WHETMAN 3945 SOUTH 13TH EAST

[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

STATE ACTIONS
Resource Development Coordinating Committee
Public Lands Policy Coordination Office
5110 State Office Building
SLC, UT 84114
Phone No. 537-9230

1. State Agency Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	2. Approximate date project will start: Upon Approval or September 25, 2007
3. Title of proposed action: Application for Permit to Drill	
4. Description of Project: CrownQuest Operating, LLC proposes to drill the Raider 1-17 Fee well (wildcat) on Fee lease, San Juan County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
5. Location and detailed map of land affected (site location map required, electronic GIS map preferred) (include UTM coordinates where possible) (indicate county) 1000' FSL 1980' FEL, SW/4 SE/4, Section 17, Township 33 South, Range 25 East, San Juan County, Utah	
6. Possible significant impacts likely to occur: Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.	
7. Identify local government affected a. Has the government been contacted? No. b. When? c. What was the response? d. If no response, how is the local government(s) likely to be impacted?	
8. For acquisitions of land or interests in land by DWR or State Parks please identify state representative and state senator for the project area. Name and phone number of state representative, state senator near project site, if applicable: a. Has the representative and senator been contacted? N/A	
9. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1) Southeastern Utah Association of Governments	
10. For further information, contact: Diana Mason Phone: (801) 538-5312	11. Signature and title of authorized officer  Gil Hunt, Associate Director Date: September 11, 2007

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: Fee	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
8. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: CrownQuest Operating, LLC				9. WELL NAME and NUMBER: Raider 1-17 Fee	
3. ADDRESS OF OPERATOR: P.O. Box 2221 CITY Farmington STATE NM ZIP 87499 PHONE NUMBER: (505) 325-5750				10. FIELD AND POOL, OR WILDCAT: Wildcat	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1000' FSL x 1980' FEL AT PROPOSED PRODUCING ZONE: same				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 17 33S 25E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 8 miles east of Monticello				12. COUNTY: San Juan	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1000'		16. NUMBER OF ACRES IN LEASE N/A		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 160	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 1640'		19. PROPOSED DEPTH: 6,085		20. BOND DESCRIPTION: RLB 0007554	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6751' GL		22. APPROXIMATE DATE WORK WILL START: 1/15/2008		23. ESTIMATED DURATION: 60 days	

24. PROPOSED CASING AND CEMENTING PROGRAM						
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT	
16"	13 3/8"	H40	48	150	class 'G', 250 sks	1.15 cf/sk 15.8 ppg
12 1/4"	9 5/8"	J55	36	2,300	65/35 Poz, 575 sks	1.75 cf/sk 12.8 ppg
					class 'G', 100 sks	1.15 cf/sk 15.8 ppg
7 7/8"	5 1/2"	P110	17	6,085	25/75 Poz, 600 sks	1.74 cf/sk 11.8 ppg
					LiteCrete, 300 sks	1.61 cf/sk 12.5 ppg

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Robert R. Griffie TITLE Operations Manager

SIGNATURE Robert R. Griffie DATE 8/22/2007

(This space for State use only)

API NUMBER ASSIGNED: 43-037-31871

APPROVAL:

RECEIVED
SEP 25 2007
DIV. OF OIL, GAS & MINING

CROWNQUEST

CROWNQUEST OPERATING, LLC

PO Box 2221
Farmington, NM 87499

Date: 10/05/07

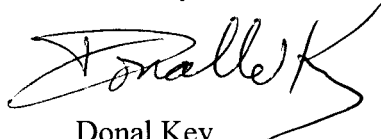
To Whom It May Concern:

Re: Raider # 1-17 Fee
Section 17, T33S, R25E

This letter is to certify CrownQuest Operating, LLC has in hand a signed Surface Agreement from Ms Suzanne A. Halliday, 126 Arbor Drive, Moab, Utah 84532 . Ms Halliday is the surface owner of the above referenced well. A copy of the Surface Use Plan, location plat and map, as submitted in the APD, has been sent to Ms Halliday by mail.

Please attach this certification to the APD and proceed with processing our request for the permit. If you need additional information, please contact: Donal Key, at the above address or at donalkey@msn.com. Ph: 505-716-2543.

Sincerely,



Donal Key
Surface Operations

RECEIVED
OCT 10 2007
DIV. OF OIL, GAS & MINING

CROWNQUEST

CROWNQUEST OPERATING, LLC

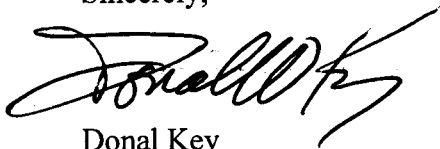
Date: 10/11/07

Diana Mason
State of Utah
Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Dear Ms Mason:

This letter is to notify you that the Raider # 1-17 Fee, Section 17, 33S, R25E, well bore location has been moved in agreement with the surface owner's request. We re-platted to approximately 100' S of the location submitted with the APD. Enclosed is a corrected plat, APD face sheet and Drilling Plan face sheet. Please make the necessary adjustment and let me know if you need other information.

Sincerely,



Donal Key
Surface Operations

RECEIVED

OCT 15 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

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2. NAME OF OPERATOR: CrownQuest Operating, LLC		8. UNIT or CA AGREEMENT NAME:	
3. ADDRESS OF OPERATOR: P.O. Box 2221 CITY Farmington STATE NM ZIP 87499		PHONE NUMBER: (505) 325-5750	9. WELL NAME and NUMBER: Raider 1-17 Fee
4. LOCATION OF WELL (FOOTAGES) 6584874 41965937 AT SURFACE: 1099.67 FSL x 1978.90' FEL 37.904925 AT PROPOSED PRODUCING ZONE: same -109.197295		10. FIELD AND POOL, OR WILDCAT: Wildcat	
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 17 33S 25E		12. COUNTY: San Juan	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 8 miles east of Monticello		13. STATE: UTAH	
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1000'	16. NUMBER OF ACRES IN LEASE: N/A	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 160	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 1640'	19. PROPOSED DEPTH: 6,085	20. BOND DESCRIPTION: RLB 0007554	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6802.42' GL	22. APPROXIMATE DATE WORK WILL START: 1/15/2008	23. ESTIMATED DURATION: 60 days	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
16"	13 3/8" H40 48	150	class 'G', 250 sks 1.15 cf/sk 15.8 ppg
12 1/4"	9 5/8" J55 36	2,300	65/35 Poz, 575 sks 1.75 cf/sk 12.8 ppg
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7 7/8"	5 1/2" P110 17	6,085	25/75 Poz, 600 sks 1.74 cf/sk 11.8 ppg
			LiteCrete, 300 sks 1.61 cf/sk 12.5 ppg

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- | | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) Robert R. Griffie TITLE Operations Manager

SIGNATURE Robert R. Griffie DATE 8/22/2007

(This space for State use only)

API NUMBER ASSIGNED: 43-037-31871

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 8-26-07

By: [Signature]

RECEIVED

OCT 15 2007






DIV. OF OIL, GAS & MINING

UTAH WELL LOCATION PLAT

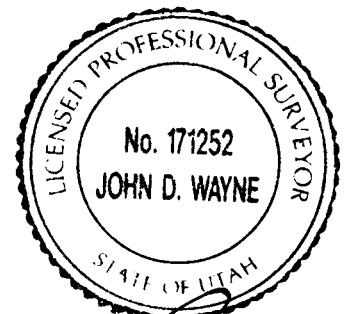
OPERATOR Crown Quest Operating
 LEASE CQ State Raider 1-17 Fee WELL NO. 1-17
 SECTION 17 TOWNSHIP 33 South RANGE 25 East 6th, P.M.
 COUNTY San Juan UTAH
 FOOTAGE LOCATION OF WELL: 1099.67' FEET FROM THE South LINE and
1978.90' FEET FROM THE East LINE and
 GROUND LEVEL ELEVATION: 6802.42
 SURFACE USE WITHIN 200' RADIUS: No Improvements Within 200'
 BASIS OF BEARING: GPS Data
 BASIS OF ELEVATION: GPS Data - NAD 83 - PODP #4


500' 500'
 1" = 1000'

Some information on this plat is based on information taken from previous surveys, record information, or collateral evidence and may not reflect that which may be disclosed by a complete boundary survey. This plat is not to be relied on for the establishment of surface boundaries, fences, buildings, or other future improvements.

-  GLO BC
-  WELL Location
-  STONE Marked
-  ALUMINUM CAP
-  CALCULATED CORNER

I hereby certify that the proposed well location shown on this plat was prepared from field notes of an actual survey by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief, and that there are no visible improvements within 200 feet of this proposed wellhead, unless noted otherwise.



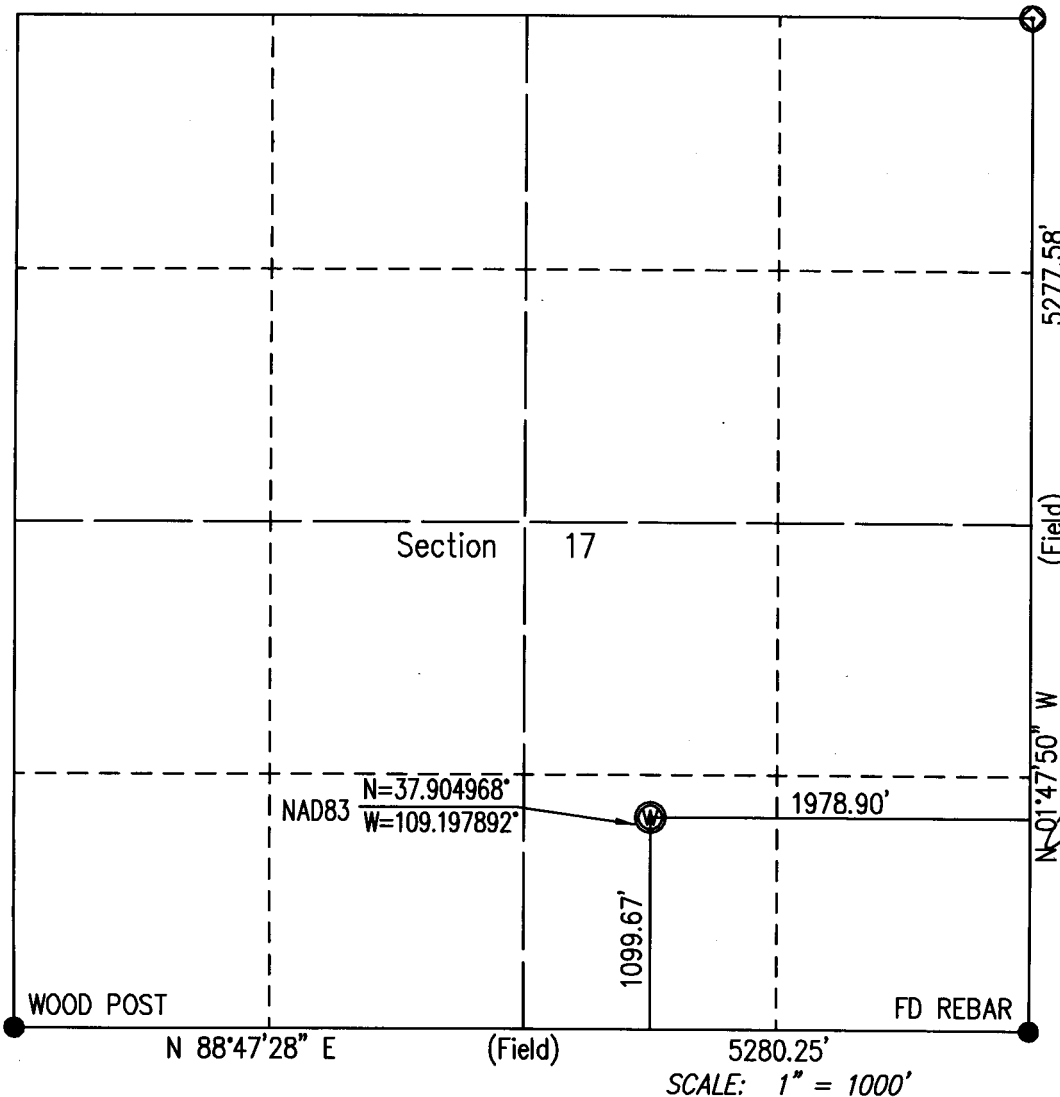

 John D. Wayne
 Professional L.S. #171252
 State of Utah

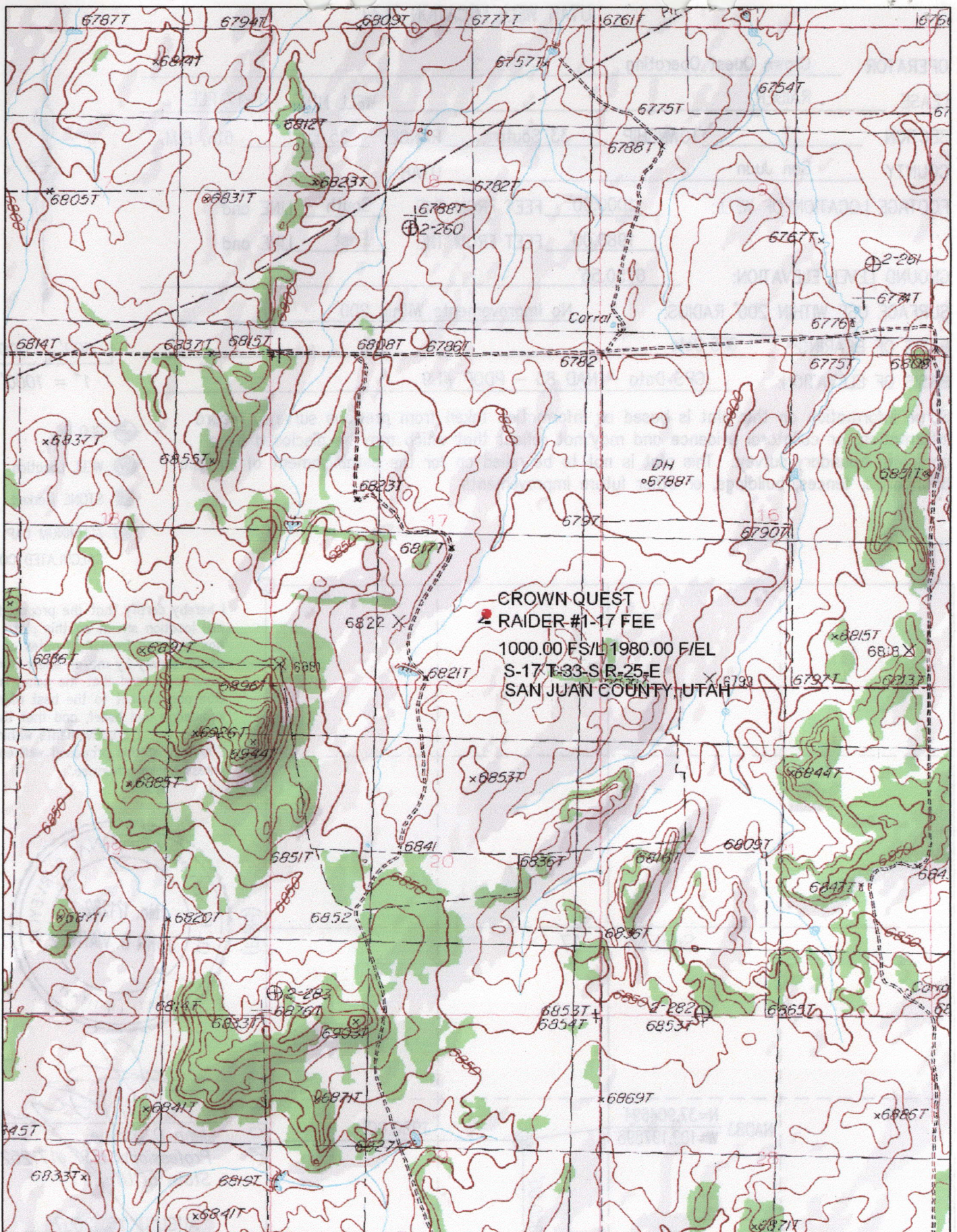
OCTOBER 6, 2007

Date Surveyed:

AUGUST 20, 2007

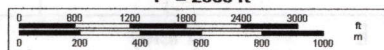
Date Platted:





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www.delorme.com

Scale 1 : 25,000
1" = 2080 ft

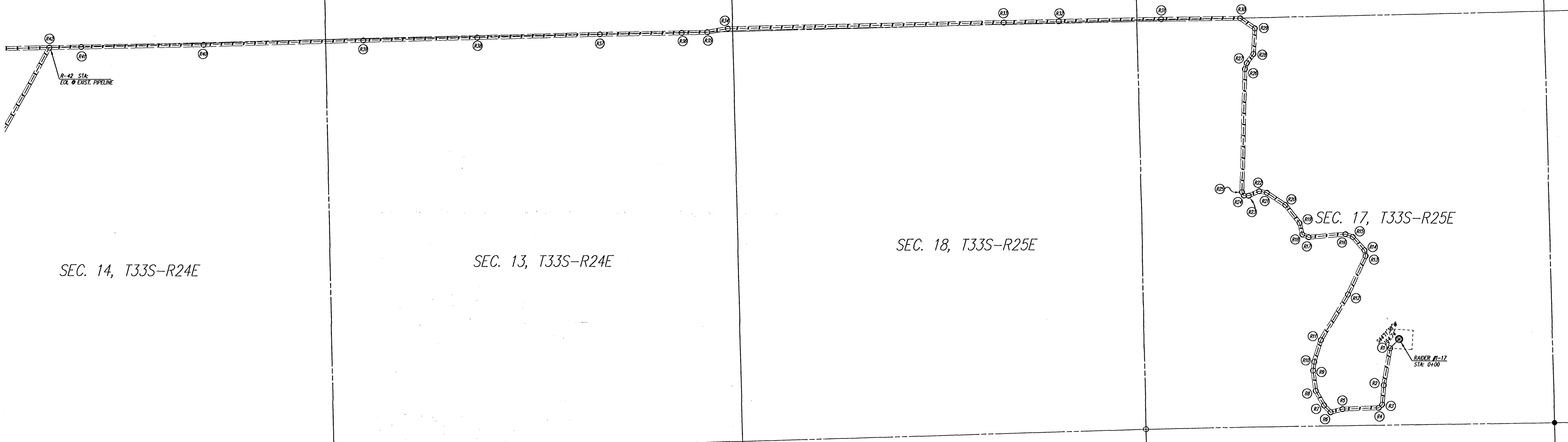
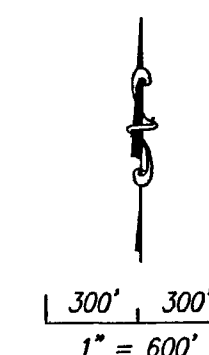


SEC. 11, T33S-R24E

SEC. 12, T33S-R24E

SEC. 7, T33S-R25E

SEC. 8, T33S-R25E

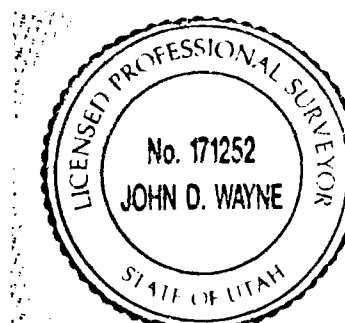


START									
	0+00	RAIDER #1-17							
IN	SW	44 11 38	N164.74		IN	SW	85 02 40	476.59	711.34
R1	1+04.74	R-1 @ SOUTHLINE PAD			R17	47+14.61	R-17		
IN	SW	09 42 31	482.11		IN	NW	67 19 09	89.25	R33 113+15.32 R-33
R2	6+46.85	R-2			R18	48+03.06	R-18		IN SW 88 40 49 3567.12
IN	SW	03 51 42	249.95		IN	NW	13 52 43	151.68	R34 148+82.44 R-34
R3	6+56.80	R-3			R19	49+55.54	R-19		IN SW 80 22 46 269.93
IN	SW	46 50 53	60.62		IN	NW	38 27 59	295.56	R35 151+52.37 R-35
R4	9+57.42	R-4			R20	52+51.10	R-20		IN SW 88 22 11 330.03
IN	SW	07 42 26	467.95		IN	NW	56 41 25	286.97	R36 154+82.40 R-36
R5	14+25.37	R-5			R21	55+38.07	R-21		IN SW 88 55 51 1060.02
IN	SW	74 12 29	159.43		IN	NW	79 31 29	101.38	R37 165+42.42 R-37
R6	15+04.80	R-6			R22	56+38.45	R-22		IN SW 88 34 58 1583.26
IN	NW	44 04 46	123.56		IN	SW	68 41 19	146.82	R38 181+25.68 R-38
R7	17+08.36	R-7			R23	57+06.27	R-23		IN SW 88 36 22 1471.77
IN	NW	30 23 37	216.87		IN	NW	08 26 53	62.25	R39 195+97.45 R-39
R8	19+25.23	R-8			R24	58+48.52	R-24		IN SW 88 29 55 2062.29
IN	NW	07 29 29	260.83		IN	NW	28 22 38	51.02	R40 216+59.74 R-40
R9	21+06.06	R-9			R25	58+99.54	R-25		IN SW 88 42 51 1579.91
IN	NE	06 54 33	113.76		IN	NE	01 07 03	1581.94	R41 232+38.65 R-41
R10	22+99.62	R-10			R26	74+01.48	R-26		IN SW 88 46 28 411.56
IN	NE	16 57 58	294.06		IN	NE	16 39 21	80.79	R42 236+51.21 R-42 EOL @ EXIST. PIPELINE
R11	25+93.88	R-11			R27	75+62.27	R-27		
IN	NE	30 02 19	689.60		IN	NE	36 27 47	144.94	
R12	32+83.48	R-12			R28	77+07.21	R-28		
IN	NE	24 48 50	544.80		IN	NE	03 14 02	329.68	
R13	38+28.28	R-13			R29	80+36.89	R-29		
IN	NW	12 40 59	77.10		IN	NW	55 50 14	231.70	
R14	39+05.38	R-14			R30	82+68.59	R-30		
IN	NW	42 00 37	230.38		IN	SW	89 20 45	1017.37	
R15	41+35.76	R-15			R31	92+85.96	R-31		
IN	NW	69 14 39	102.26		IN	SW	88 49 34	1318.02	
R16	42+38.02	R-16			R32	106+03.98	R-32		

LENGTH 23,651.21'
RODS 1,433.41
MILES 4.48
ACRES 27.15

Some information on this plot is based on information taken from previous surveys, record information, or collateral evidence on may not reflect that which may be disclosed by a complete boundary survey. This plot is not to be relied on for the establishment of surface boundaries, fences, buildings or other future improvements.

John D. Wayne
Professional Surveyor
Utah Reg. No. 171252



REVISED DATE:
DRAWING NO: 00845raider17-101

RODDY PRODUCTION COMPANY, INC.

PROPOSED PIPELINE AND RIGHT-OF-WAY		SCALE 1"=600'	DRAWN BY c/jg
COUNTY		Sec. 11, 12, 13, & 14 T-33-S, R-24-E	
DATE		Sec. 7, 8, 17 & 18, T-33-S, R-25-E, San Juan Co., Utah	
APPROVED BY:		SHEET 1 OF 1	

RECEIVED
NOV 13 2007
DIV. OF OIL, GAS & MINING

Drilling Plan

Well Name: Raider 1-17 Fee

Surface Location: 1099.67' FSL x 1978.90' FEL, Section 17, T33S, R25E
San Juan County, Utah

Target Formation: Pennsylvanian

Elevation: 6802.42' GL

Geology:

Formation	Top	Probable Content
Morrison	Surface	
Entrada Ss	520'	potential fresh water
Navajo Ss	1200'	potential fresh water
Chinle Fm	2090'	vari-color shale
Shinarump Ss	2615'	gas/water
Moenkopi Fm	2690'	brn-red sltst/sh
Cutler (top of Permian)	3010'	prpl crs ss/sh; potential fresh water
Honaker Trail (top of Penn)	4335'	ls; potential gas, brine
Upper Ismay	5780'	gas/oil/brine
Desert Creek	6030'	gas/oil/brine
TD	6085'	

~2800' TD

Base of Permian - Saline
Groundwater (24,000')

Logging Program: Triple Combo including Induction, Neutron/Density, and Sonic logs from TD to surface casing shoe.

Clean-out Fluid Program:

Interval	Fluid Type	Weight	Viscosity	Fluid Loss
0' - 2300'	fresh water/gel	8.4 ppg	n/a	no control
2300' - 6085'	fresh water/gel/polymer	9.2 ppg	30 - 80 sec	10

Casing Program:

Interval	Hole Diameter	Csg Size	Wt.	Grade	Thread
Conductor					
0' - 150'	16"	13 3/8"	48 ppf	H40	STC
Surface					
0' - 2300'	12 1/4"	9 5/8"	36 ppf	J-55	LTC
Production					
0' - 6085'	7 7/8"	5 1/2"	17 ppf	P110	LTC

Tubing Program: 0 - 5800', 2 3/8", 4.7 ppf, J55, EUE

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OCT 15 2007

Drilling Plan

BOPE and Wellhead Specifications and Testing:

For drilling operations from conductor casing shoe to 2300': 13 5/8", 2000 psi, threaded casing head with two 2" outlets. 13 5/8", 2000 psi double gate BOP and 2000 psi choke manifold (see figures 1 and 2). Pressure test conductor casing to 600 psi prior to drilling out of conductor casing shoe. Pressure test BOPE to 2000 psi.

For drilling operations from surface casing shoe to TD (6085'): Cut off 13 5/8" casing and casing head. Install 9 5/8", 3000 psi, SOW casing head. 11", 3000 psi double ram BOP and 3000 psi annular preventor. 3000 psi choke manifold (see figures 3 and 4). Pressure test BOPE to 3000 psi and 9 5/8" surface casing to 3000 psi prior to drilling out of surface casing shoe.

For completion operations: 5 1/2" x 2 3/8", 5000 psi tree assembly. 7 1/16", 5000 psi double gate BOP system. 5000 psi choke manifold (see figures 3 and 4). Pressure test 5 1/2" casing to 5000 psi prior to frac'ing. The 5000 psi pressure rating is for possible frac treatment pressures and is far in excess of 3000 psi BOP equipment required to control anticipated formation pressure.

General Operation:

- Actuate pipe rams once each day during clean-out operations. Actuate blind rams once each trip.
- An upper Kelly cock valve, with handle, will be available on the rig floor to fit each drilling string.
- BOP pit level drill will be conducted weekly for each drilling crew.
- All BOP tests and drills will be recorded in the daily drilling report.
- Blind and pipe rams will be equipped with extension hand wheels.

Cementing Program:

13 3/8" Conductor Casing String: Run casing with saw-tooth guide shoe on bottom, insert float valve one joint from bottom, and install 1 bow-spring centralizer in the middle of the 1st joint and one at 88'. Cement to surface with 250 sks class 'G' with 1/4 #/sk celloflake and 2% CaCl₂ (1.15 cf/sk, 15.8 ppg). Perform top job as necessary. This string may be set with a rat-hole machine prior to moving on the drilling rig.

9 5/8" Surface Casing String: Run casing with swirl pattern guide shoe on bottom and non-differential fill float collar one joint from bottom. Centralize with one centralizer in the middle of the first joint, one centralizer every other collar for the next three collars, and one centralizer inside the conductor casing shoe. Cement to surface with 575 sks 65/35 poz + 6% gel + 6 #/sk gilsonite + .25 #/sk celloflake (12.8 ppg, 1.75 cf/sk), followed by 100 sks class 'G' + 2% CaCl₂ (15.8 ppg, 1.15 cf/sk).

5 1/2" Production Casing String: Run casing with float shoe on bottom, float collar one joint from bottom. Install one centralizer in the middle of the first joint, one on every other collar from TD to the top of the Honaker Trail formation, and one inside the surface casing shoe. Cement with

600 sks 25/75 Poz TXI blend (11.8 ppg, 1.74 cf/sk) followed with 300 sks LiteCrete + gas block (12.5 ppg, 1.61 cf/sk) Top of cement calculated to be at 1500'.

Special Drilling Operations:

None anticipated

Additional Information:

- This well is designed to be completed in the Pennsylvanian formations.
- Bottom-hole pressure is calculated to be 2601 psi at 5780', 0.45 psi/ft. Adequate weighting material will be kept on location to maintain mud weight.
- LCM will be added to the mud system as required to maintain circulation.
- Estimated formation pressures:
 - Ismay 2601 psi
 - Desert Creek 2714 psi

Completion Information:

The completion procedure will be prepared after cased-hole logs are analyzed. The well will be completed by frac and acid treatments.

Prepared by: Robert R. Griffiee
Operations Manager
Date: 8/22/07

Raider # 1-17 Fee
Thirteen Point Surface Use Plan

1) Existing Roads

- a) The proposed route to the location is shown on the attached Topographical Map.
- b) The well pad is located approximately 8 miles Northeast of Monticello, Utah.
- c) If necessary, an encroachment permit will be obtained from San Juan County, Utah for use of the existing county roads (CR #307, CR #333 & CR #375). Approximately 3 miles of CR #307, 2 miles of CR #333 and 1 mile of CR #375, will be used to access the well site.

2) Access Road

- a) Approximately 8700' of flat bladed road off CR #375 provides access to the well site.
- b) No cattle guards will be required.
- c) There are no existing roads outside the lease or unit boundary for which a right-of-way is required .

b) Location of existing wells

See attached Topographical Map for the location of existing wells in the area of this proposed well site.

c) Location of Production Facilities

- a. In the event the well is brought to production, necessary production equipment will be determined and a diagram will be submitted showing the layout of such equipment on the location site.
- b. Off-site facilities: No off-site facilities are required.
- c. Pipelines: Pipeline design, construction, and permitting will be performed if needed after it is determined that the well is productive.

All permanent (in place for six months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will be as follows: Juniper Green.

All site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 shall be followed.

If a gas meter run is constructed it will be located on the lease within 500 feet of the well head. The gas flow line will be buried from the wellhead to the meter and will be buried downstream of the meter until it leaves the pad. Meter runs will be housed and /or fenced. The gas meter shall be calibrated prior to first sales and shall be calibrated quarterly thereafter. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

If a tank battery is constructed on this lease, it will be surrounded by a berm of sufficient capacity to contain 1 ½ times the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All oil production and measurement shall conform to the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 4.

Production facilities on location may include a lined or unlined production water pit as specified. If water is produced from the well an OOGO #7 application must be submitted.

d) Location and Type of Water Supply

All water needed for drilling and completion purposes will be obtained from the City of Monticello, Utah (SW 1/4, Section 30, T33S, R24E.).

e) Source of Construction Material

It is not anticipated that additional construction materials will be required for construction of the well pad, pit, and access road for drilling operations. Gravel and rock for upgrading the access roads to Class III Standards will be obtained from a private source, if needed. If additional materials are required, they will be obtained from a private source. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

f) Methods of Handling Waste Water Disposal

All garbage and trash materials will be contained in a trash cage and removed from the site for proper disposal as necessary, but no later than at the conclusion of drilling operations. Portable toilets will be provided and serviced appropriately.

The first 6 inches of top soil will be removed, stockpiled along the Northern edge of the well pad and reserved for reclamation. The drill pad is approximately 300' x 300'. The reserve pit is in the Southeast corner of the drill pad and is approximately 150' x 75' x 10' with 3:1 slopes. Upon inspection, the reserve will be re-lined if necessary. Three sides of the reserve pit will be fenced prior to drilling operations and the fourth side of the pit will be fenced when drilling operations cease. The fence will be constructed using 32" woven wire topped with two smooth wire strands 4" and 16" above the woven wire. Steel T-posts will be set 16.5' apart and two stays will be used between the posts. Corner posts will be

2' H Posts or more and anchored. The fence will be kept in repair while the pit dries. It is anticipated 2-3 days will be needed to dress up the well pad, reserve pit and access. No new surface disturbance is anticipated. The reserve pit is located in the cut, with 100% of the pit volume being below the original ground level. Wildlife protection, consisting of appropriate netting, will be used to cover the reserve pit.

g) Ancillary Facilities

N/A

h) Well Site Layout

All existing wells in the vicinity of this well pad are shown on the attached Topographical Map. Access to the well pad will be shown on the Topographical Map.

i) Plans for Restoration of the Surface

The top 6 inches of topsoil material will be removed from the location and stockpiled separately on the north side of the pad.

Immediately upon completion of drilling, all equipment that is not necessary for production will be removed.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry.

All road surfaces will be removed prior to the rehabilitation of roads.

Reclaimed roads will have the berms and cuts reduced and will be closed to vehicle use.

All disturbed areas will be re-contoured to replicate the natural slope.

The stockpiled topsoil will be evenly distributed over the disturbed area.

In the event the well is abandoned an abandonment marker will be placed below ground level. The marker will supply the operator name, lease number, well name and surveyed description (township, range, section and either quarter-quarter or footages).

11) Surface and Mineral Ownership

The surface is Fee and the minerals are Fee..

12) Other Information

a) Archaeological Concerns: None

If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and will contact the authorized officer (AO). Within five (5) working days, the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that the mitigation is appropriate.
- If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide the technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, the operator will be allowed to resume construction.

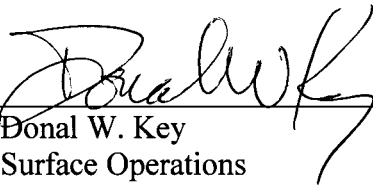
b) Threatened and Endangered Species Concerns: No known concerns.

c) Wildlife Seasonal Restrictions (yes/no): Deer Winter Range December 15 – April 30.

d) Off Location Geophysical Testing: N/A

e) Drainage crossing that require additional State or Federal approval: N/A

f) Other: Anticipated spud date, October 15, 2007.


Donal W. Key
Surface Operations
August 27, 2007

a) Archaeological Concerns: None

If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and will contact the authorized officer (AO). Within five (5) working days, the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that the mitigation is appropriate.
- If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide the technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, the operator will be allowed to resume construction.


b) Threatened and Endangered Species Concerns: No known concerns.

c) Wildlife Seasonal Restrictions (yes/no): Deer Winter Range December 15 – April 30.

d) Off Location Geophysical Testing: N/A

e) Drainage crossing that require additional State or Federal approval: N/A

f) Other: Anticipated spud date, October 15, 2007.


Donal W. Key
Surface Operations
August 27, 2007

CONTACT LIST

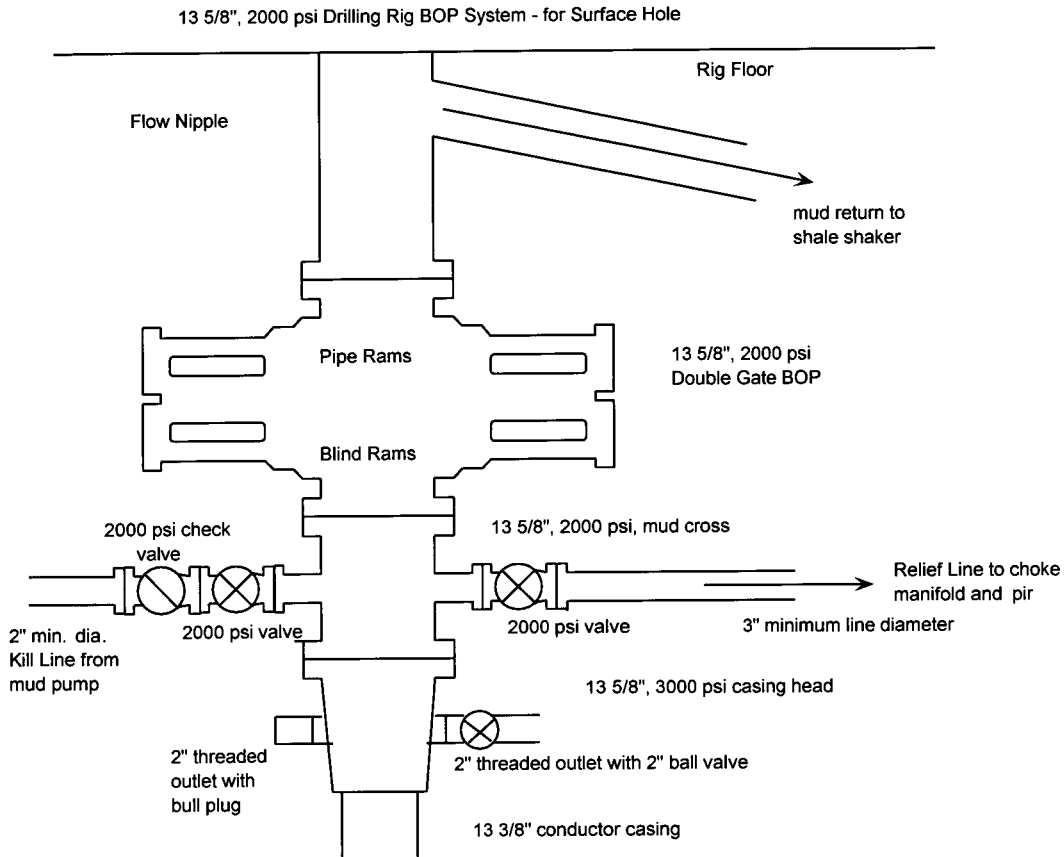
Utah Projects

CrownQuest Operating , LLC
303 Veterans Airpark Ln
P.O. Box 53310
Midland, Texas 79710
Tommy Lent, PE, Vice President-Operations & Engineering
432-818-0300

CrownQuest Operating, LLC
P.O. Box 2221 * 2600 Farmington Ave.
Farmington, NM 87499
Robert R. Griffie, PE, Operations Manager & CQ Agent
505-326-6813
Fax: 505-326-6814
Donal Key, Surface Operations
505-716-2543
Fax: 505-326-6814

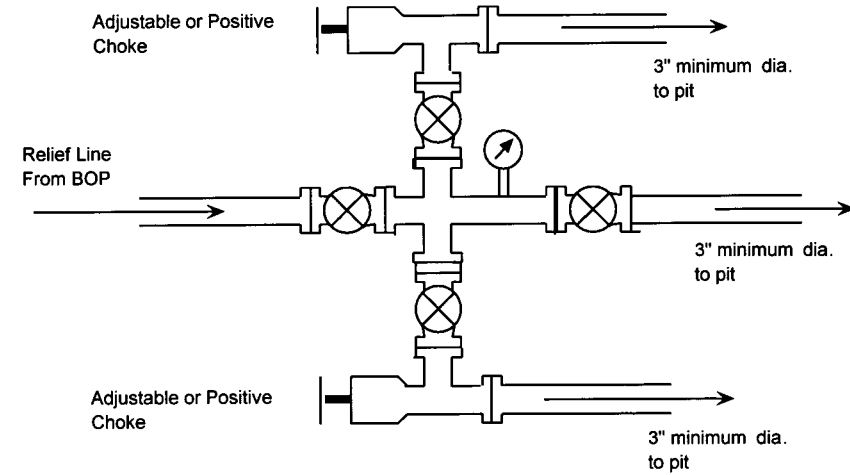
Basin Surveying, Inc
P.O. Box 6456
Farmington, NM 87499
108 Llano, Aztec NM 87410
John D. Wayne, P.L.S.
505-334-1500
Fax: 505-334-1498

Figure 1



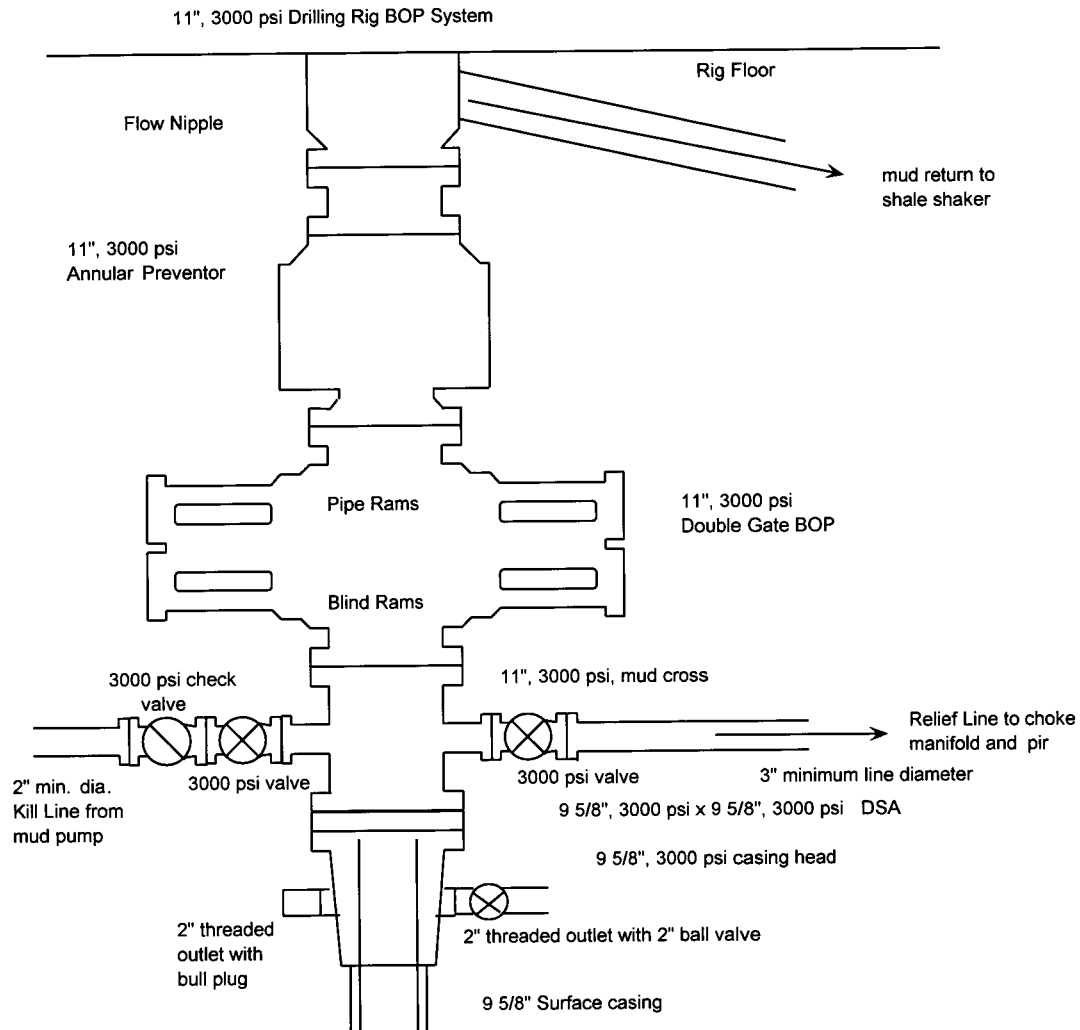
BOP Installation from Conductor Casing depth (150') to Intermediate Casing depth (2300').
13 5/8", 2000 psi double gate BOP equipped with blind and pipe rams. All equipment rated at 2000 psi or greater working pressure.

Figure 2



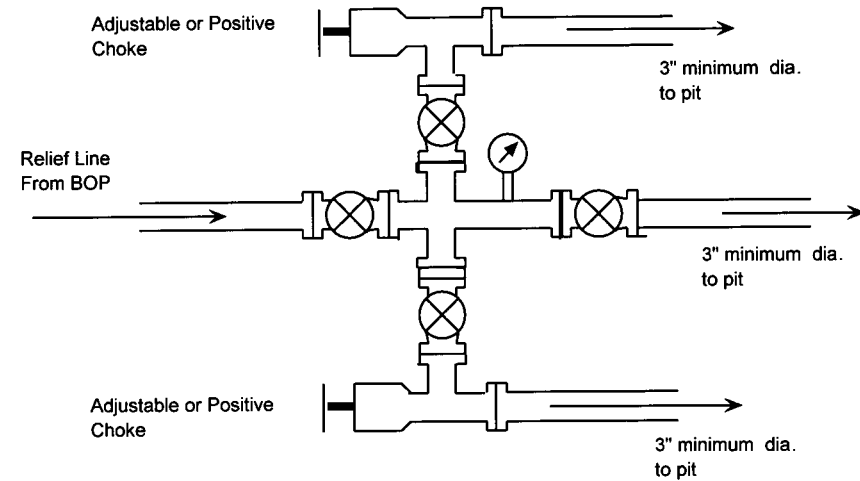
Choke manifold for BOP system shown in Figure 1.
All equipment to be rated at 2000 psi or greater.

Figure 3



BOP Installation from Surface Casing depth (2300') to TD (6085'). 11", 3000 psi double gate BOP equipped with blind and pipe rams, 11" Annular BOP. All equipment rated at 3000 psi or greater working pressure.

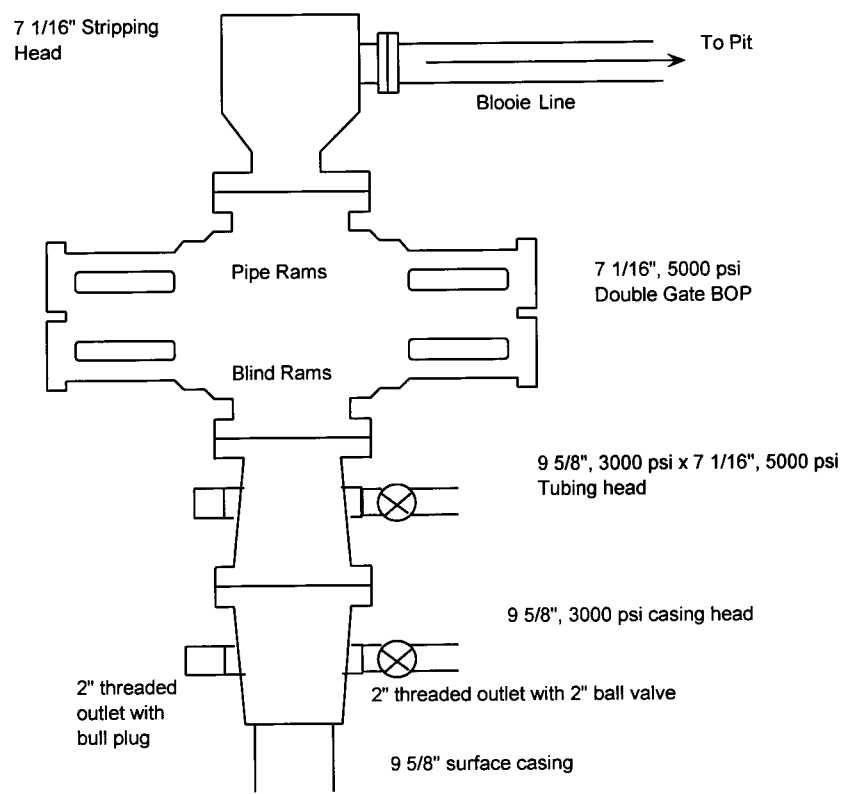
Figure 4



Choke manifold for BOP system shown in Figure 3. All equipment to be rated at 3000 psi or greater.

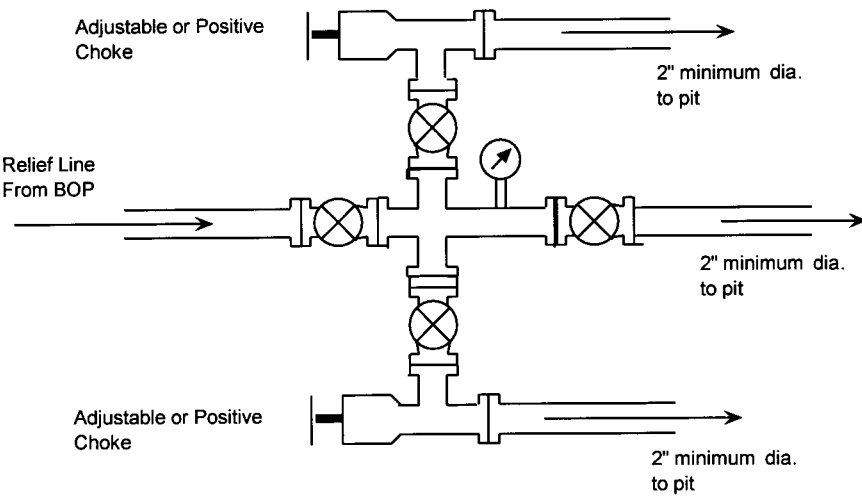
Figure 5

7 1/16", 5000 psi Completion Rig BOP System



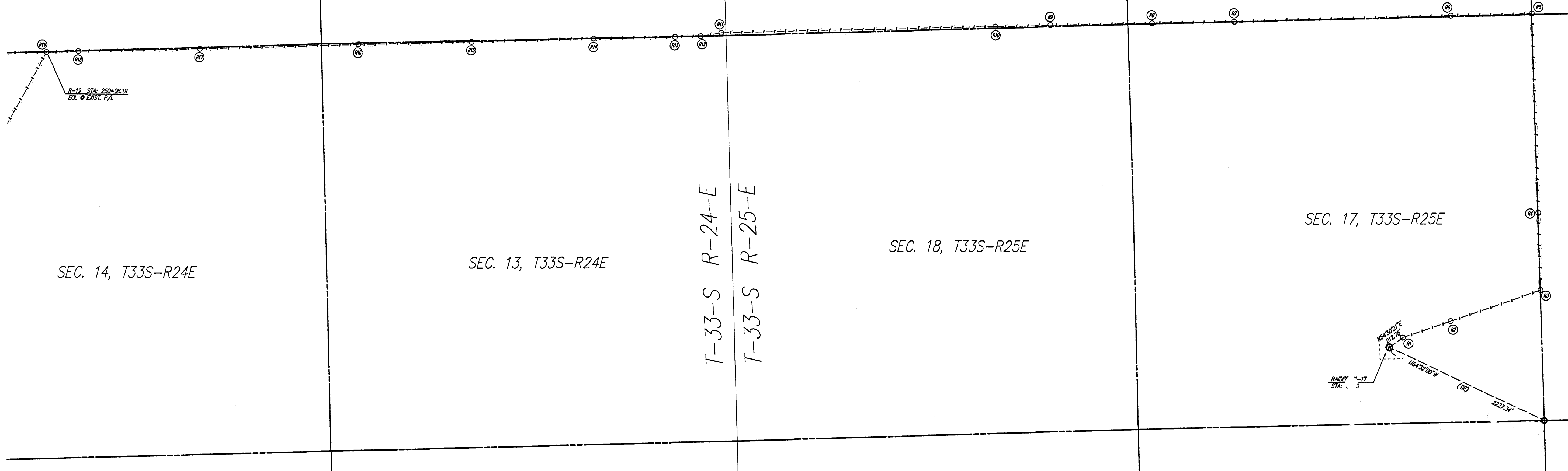
BOP Installation for Completion operations. 7 1/16", 5000 psi double gate BOP equipped with blind and pipe rams. All equipment rated at 5000 psi or greater working pressure.

Figure 6



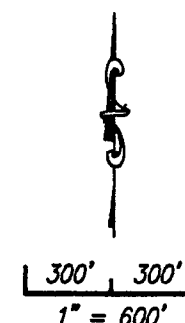
Choke manifold for BOP system shown in Figure 5. All equipment to be rated at 5000 psi or greater.

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AUG 31 2007
DIV. OF OIL, GAS & MINING



START			
IN	0+00	RAIDER #1-17	
IN	NE	54 30 21	212.78
R1	2+12.78	R-1 @ EASTLINE PAD	
IN	NE	71 01 11	656.92
R2	8+69.70	R-2	
IN	NE	70 59 23	1234.49
R3	21+04.19	R-3	
IN	NW	01 39 25	1003.40
R4	31+07.59	R-4	
IN	NW	01 49 16	2589.98
R5	56+97.57	R-5	
IN	SW	88 35 01	1054.19
R6	67+51.76	R-6	
IN	SW	88 31 28	2810.79
R7	95+62.55	R-7	
IN	SW	89 07 31	1078.29
R8	106+40.84	R-8	
IN	SW	88 49 34	1318.02
R9	119+58.86	R-9	
IN	SW	88 48 31	711.34
R10	126+70.20	R-10	
IN	SW	88 40 49	3567.12
R11	162+37.32	R-11	
IN	SW	80 22 46	269.93
R12	165+07.25	R-12	
IN	SW	88 22 11	330.03
R13	168+37.38	R-13	
IN	SW	88 55 51	1060.02
R14	178+97.40	R-14	
IN	SW	88 34 58	1583.26
R15	194+80.66	R-15	
IN	SW	88 36 22	1471.77
R16	209+52.43	R-16	
IN	SW	88 28 55	2062.29
R17	230+14.72	R-17	
IN	SW	88 42 51	1579.91
R18	245+94.63	R-18	
IN	SW	88 46 28	411.56
R19	250+06.19	R-19 EOL @ EXIST. P/L	

TOTAL FEET 25,006.19'
RODS 1,515.53
MILES 4.74
ACRES 28.70



Some information on this plot is based on information taken from previous surveys, record information, or collateral evidence and may not reflect that which may be disclosed by a complete boundary survey. This plot is not to be relied on for the establishment of surface boundaries, fences, buildings or other future improvements.

John D. Wayne
Professional Surveyor
Utah Reg. No. 171252
AUG 31 2007

REVISED DATE: DRAWING NO: 00845RAIDER17-1D, 2-24, 00845 MINING			
CROWN QUEST OPERATING			
RAIDER #1-17		SCALE	DRAWN BY C.J.G.
PROPOSED RIGHT-OF-WAY & PIPELINE		1"=600'	REVISED
COUNTY	SECS. 13 & 14, T-33-S, R-24-E, S.L.B.M. SAN JUAN COUNTY, UTAH SECS. 17 & 18, T-33-S, R-25-E, S.L.B.M. SAN JUAN COUNTY, UTAH		
DATE	APPROVED BY:		SHEET 1 OF 1
08/22/07			

CROWNQUEST

CROWNQUEST OPERATING, LLC

October 25, 2007

Mr. Brad Hill
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114

Re: Raider #1-17 Fee
Section 17, T-33-S, R-25-E
San Juan County, Utah

Dear Mr. Hill:

Pursuant to our telephone conversation today, CrownQuest Operating, LLC would like to request a location exception to the above captioned well on an identified geologic lineament. Our lease covers all of Section 17 and therefore we are the offset owner for a 460 foot radius around the well location.

I appreciate your consideration to this matter. Should you require any additional information please let me know.

Very truly yours,


M. Craig Clark

MCC/s

RECEIVED

OCT 25 2007

DIV. OF OIL, GAS & MINING

CROWNQUEST

CROWNQUEST OPERATING, LLC

Date: 11/09/2007

Brad Hill,

Utah Oil, Gas and Mining

Re: Raider 1-17 Fee, Sec. 17, T33S, R25E, San Juan County, Utah

Mr. Hill:

Upon the Surface Owner's request CrownQuest Operating moved the well access road and pipeline ROW to follow existing roads. Enclosed is a copy of the plat. Please attach to the APD now being processed in your office. If you need additional information, please contact me at:

Donal Key, Surface Operations, Email: dkey@crowquest.com, or by phone at: 505-716-2543



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NOV 13 2007

DIV. OF OIL, GAS & MINING



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

November 26, 2007

CrownQuest Operating, LLC
P O Box 2221
Farmington, NM 87499

Re: Raider 1-17 Fee Well, 1099' FSL, 1978' FEL, SW SE, Sec. 17, T. 33 South, R. 25 East,
San Juan County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-037-31871.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: San Juan County Assessor



Operator: CrownQuest Operating, LLC
Well Name & Number Raider 1-17 Fee
API Number: 43-037-31871
Lease: Fee

Location: SW SE Sec. 17 T. 33 South R. 25 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office (801) 942-0873 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
5. The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review.
6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
7. Surface casing shall be cemented to the surface.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: CROWNQUEST OPERATING, LLC

Well Name: RAIDER 1-17 FEE

Api No: 43-037-31871 Lease Type: FEE

Section 17 Township 33S Range 25E County SAN JUAN

Drilling Contractor BEARCAT RIG # 2

SPUDDED:

Date 04/17/08

Time

How DRY

Drilling will Commence:

Reported by DAVID OVERGARD

Telephone # (406) 480-3357

Date 04/17/08 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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FORM 6

APR 21 2008**ENTITY ACTION FORM**

DIV. OF OIL, GAS & MINING

Operator: CrownQuest Operating, LLCOperator Account Number: N 2685Address: P.O. Box 221city Farmingtonstate NMzip 87499Phone Number: (505) 325-5750**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4303731871	Raider #1-17 Fee		SWSE	17	33S	25E	San Juan
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	16779	4/17/2008			4/24/08	
Comments: <u>DSCR</u>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Rhonda Padilla

Name (Please Print)

Signature

Production Analyst

Title

4/21/2008

Date

CONFIDENTIAL

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

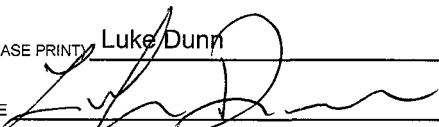
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: Raider 1-17 Fee	9. API NUMBER: 4303731871
2. NAME OF OPERATOR: CrownQuest Operating, LLC	10. FIELD AND POOL, OR WILDCAT: Wildcat	
3. ADDRESS OF OPERATOR: P. O. Box 2221 CITY Farmington STATE NM ZIP 87499	PHONE NUMBER: (505) 325-5750	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1099 FSL x 1928 FEL 1000 FSL x 1980 FEL		COUNTY: San Juan
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 17 33S 25E		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 4/30/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Operations Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CrownQuest Operating, LLC has performed the drilling operations on the attached operations report for the time period of April 16, 2008 to April 30, 2008.

PROPRIETARY-CONFIDENTIAL

NAME (PLEASE PRINT) Luke Dunn	TITLE Engineer
SIGNATURE 	DATE 4/30/2008

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MAY 05 2008
DIV. OF OIL, GAS & MINING

PROPRIETARY-CONFIDENTIAL

Raider #1-1 Fee

San Juan County, UT

API# 4303731871

CrownQuest Operating, LLC

4/16/2008

MIRU. WO cmt for deadmen to set up. 1099' FSL; 1978' FEL; SW/SE, Sec 17, T33 S, R25E; San Juan County, UT.

4/17/2008

Drill rat hole & mouse hole. Notified State of Utah - Spud Well and Cmt Conductor.

4/18/2008

Current Depth: 104. Drlg 12¼" pilot hole. L/D 12¼" Bit, Mud Motor. P/U 17½ Bit ; Bit Sub; Shock Sub; 8" DC. Drlg f/ 0 - 104'.

4/19/2008

Current Depth: 149. Circulate hole clean to run 13¾ csg, landed @ 145'. R/U cmt head, broke circulation. R/D csg Crew. Cmt'd 13-3/8" conductor w/ 323 sx Cl G + additives. Shut well in w/ 35 PSI - WOC 16:00. N/U Hydril.

4/20/2008

Current Depth: 730. Test Hydril Csg & Hydril to 1000 Psi (Held OK). P/U Bit & RIH to Cmt @ 116'. Drlg f/ 149 - 730'. Survey: 1° @ 506'.

4/21/2008

Current Depth: 1710. Daily Footage 730 - 1710'. Survey: 1½° @ 1021' & 2° @ 1493'.

4/22/2008

Current Depth: 2070. Drlg f/ 1710 - 2070', circ hole clean. POOH w/bit & LD 8" collars. RU csg crew & RIH w/ 9 5/8", 36 ppf, J55, STC surf csg - shoe; 1Jt; float; 16 Jts. Break circ. Notified State of Utah - Run & cmt surf csg.

4/23/2008

Current Depth: 2070. RIH w/ 9 5/8", 36#, J55, STC surf csg, shoe; 1 jt; float; 49 jts; brk circ @ 37 Jts, tag TD @ 2070'. Pull up 2', csg landed at 2068'. Cmt w/1000 sx. Final circ PSI 650#, bumped plug to 850#, held OK (cmt didn't fall). WOC. Weld on 9% X3000 WH. NU BOPE

4/24/2008

Current Depth: 2596. NU BOPE. Prs test inside ch, blind ram & csg to 1500#; pipe ram, TIW, 2nd ch manifold, & kill ck to 3000#. PU 4 - 6" DC's & TIH - Tag @ 2614'. Drlg, Cmt, Float and Shoe. Drlg f/ 2070' - 2596'. Survey: 1½° @ 2019', misrun @ 2596'.

4/25/2008

Current Depth: 3479. Drilling from 2596' - 3479'. Surveys: 1-1/2° @ 2524' & 2-1/2° @ 2997'.

4/26/2008

Current Depth: 4175. Drilling from 3479' to 4175'. Drilling with water, occasional sweep w/poly plus to insure hole is clean. Survey: 1° @ 3502' & 1° @ 4007'. Formation: Cutler.

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4/27/2008.

Current Depth: 5035. Drilling from 4175' - 5035'. Rotary chain broke @ beginning of drlg brk @ 4468'. No torque incr observed. Measured lag time corresponds to 10" avg hole diameter. Tops: HT8-4380', HT7-4480'. Drlg brks noted thru HT section. Svy: 1- 1/4^o @ 4481'.

4/28/2008

Current Depth: 5610. Drlg 5035'-5610'. Shows: 5196'-5203', 132'/hr, 625u, 5293'-5312', 34'/hr, 254u, 5314'-5325', 26'/hr, 448u, 5504'-5522', 48'/hr, 491u. Svys: 1-1/2^o @ 4980' & 2^o @ 5480'.

4/29/2008

Current Depth: 5854. Drill from 5610' to 5656', TOH for hole in DP in 20th std from DC's +/-2000' from bit. TIH w/ new Varel 7-7/8" bit, DCs, & 4.5" DP. Drill from 5656' - 5854'.

4/30/2008

Current Depth: 6108. Drill from 5854' - 6018'. POOH w/ 2 jts, Circulate bottoms up and hole clean. Short Trip - 20 Stds - No Fill, hole clean. POOH to run logs. SLM.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

PROPRIETARY-CONFIDENTIAL FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL	OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: CrownQuest Operating, LLC				6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: PO Box 2221 CITY Farmington STATE NM ZIP 87499				7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (505) 325-5750				8. WELL NAME and NUMBER: Raider 1-17 Fee
4. LOCATION OF WELL				9. API NUMBER: 4303731871
FOOTAGES AT SURFACE: 1000' FSL x 1980' FEL				10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 17 33S 25E				

COUNTY: San Juan

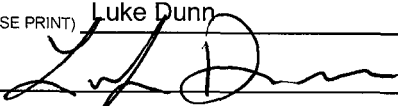
STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 6/3/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Operations Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CrownQuest Operating, LLC has performed the attached work for the time period of 05/01/08 through 06/03/08

NAME (PLEASE PRINT) Luke Dunn	TITLE Engineer
SIGNATURE 	DATE 6/3/2008

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PROPRIETARY-CONFIDENTIAL

Raider #1-17 Fee

San Juan County, UT

API# 4303731871

CrownQuest Operating, LLC

May 1, 2008

RIH w/Triple Combo to bridge @ 5518'. Unable to work thru, log out. RIH w/bit to TD-washed down 5' to 6108' L/D 2 Jts, circ hole clean & cond mud, vis @ 70 in pits. RU Schlumberger - RIH w/Triple Combo to 6103'.

May 2, 2008

RU Schlumberger-logging ECS/FMI-unable to get past 5503'-log out. Log w/rotary SW core. f/ 5500' up-71 cores, RD. RIH to run csg, brk circ twice. Circ & cond hole for csg. POOH & LD drl string. Change out rams to run & cmt 5-1/2" csg @ report time.

May 3, 2008

RIH w/5-1/2", 17#, P110, LTC Prod Csg, tag @ 6108'-landed @ 6104'. Cmt w/550 50/50 poz+additives & 700 sx 35/65 poz+additives. Disp w/141 BW @ 6 bpm, slowing to 2 bpm @ 1606# last 2 bbls. Bumped plug to 2000#, ok. Rel rig 9:30 pm 5/2/08.

Jun 2, 2008

Road rig f/ Chanticleer #1-32 to Raider State #1-17 FEE, MIRU, ND tree, NU BOPE, RU floor, tally and PU 2 7/8" 6.5# N- 80 tubing and rabbit on TIH w/ 4 3/4" bit, bit @ 5923', secure well, SDFN

Jun 3, 2008

Crew on loc, safety meeting. RU power swivel, PU singles and circulate down f/ 5923' to 6034'. Drill out 32' of cmt to PBTD @ 6066'. Circ hole clean w/ 3% KCL water, pressure test 5-1/2" csg to 1500 psi 15 min, bleed off press. RD power swivel, TOOH LD 2-7/8" tbg. RU Blue Jet, run CBL f/ 6066' to 1900' (cmt top @ 2500'). RIH and perforate w/ 3 1/8" HSC gun, .34 dia holes, 2 spf @ 5996'-6004', 6020'-6025' 5860'-5870', 5880'-5890', 5906'-5916', secure well, SDFN.

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STATE OF UTAH
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DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: CrownQuest Operating, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: PO Box 2221 CITY Farmington STATE NM ZIP 87499		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (505) 325-5750		8. WELL NAME and NUMBER: Raider 1-17 Fee
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1000' FSL x 1980' FEL COUNTY: San Juan		9. API NUMBER: 4303731871
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 17 33S 25E STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Wildcat

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 6/18/2008	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above well had first production on June 18, 2008.

NAME (PLEASE PRINT) <u>Rhonda Padilla</u>	TITLE <u>Production/ Regulatory Analyst</u>
SIGNATURE <u><i>Rhonda Padilla</i></u>	DATE <u>6/19/2008</u>

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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3. ADDRESS OF OPERATOR: PO Box 2221 CITY Farmington STATE NM ZIP 87499		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (505) 325-5750		8. WELL NAME and NUMBER: Raider 1-17 Fee
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1000' FSL x 1980' FEL		9. API NUMBER: 4303731871
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 17 33S 25E		10. FIELD AND POOL, OR WILDCAT: Wildcat
COUNTY: San Juan		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 6/17/2008	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
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	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
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	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CrownQuest Operating, LLC has performed the attached operations for the time period of June 4, 2008 through June 17, 2008.

NAME (PLEASE PRINT) <u>Rhonda Padilla</u>	TITLE <u>Production/ Regulatory Analyst</u>
SIGNATURE 	DATE <u>6/19/2008</u>

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PROPRIETARY-CONFIDENTIAL

Raider #1-17 Fee

San Juan County, UT

API# 4303731871

CrownQuest Operating, LLC

Jun 4, 2008

Crew on location, SM, ND BOPE, NU tree, RD, release rig to Jefferson State #4-1

Jun 11, 2008

RU frac crew. Break down w/ 8 bbls water at 3090 psi & ISIP 1510. Pump 1000 gal 15% w/ 7500 scfpm N2. Total 45,700 lbs 40/70, 36,400 lbs 20/40, & 52,900 lbs 20/40 resin coated. Pumped at 52 bpm & 3000 psi. ISIP 2330, 5 min 2130, 10 min 2046, & 15 min 1988. Total calculated foamed bbls 5120 bbls, 2.577 mmscf N2, & 3388 bbls fresh water. RD frac crew. RU flow back and start flowing well back to tank at 5 pm and 1309 psi.

Jun 12, 2008

Flow back well.

Jun 13, 2008

Flow back well.

Jun 14, 2008

Flow back well.

Jun 15, 2008

Flow back well.

Jun 16, 2008

Flow back well.

Jun 17, 2008

Flow back well.

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	OTHER <input type="checkbox"/>
b. TYPE OF WORK:		NEW WELL <input checked="" type="checkbox"/>	HORIZ. LATS. <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	RE-ENTRY <input type="checkbox"/>
			DIFF. RESVR. <input type="checkbox"/>	OTHER <input type="checkbox"/>	
2. NAME OF OPERATOR: CrownQuest Operating, LLC					
3. ADDRESS OF OPERATOR: PO Box 2221 CITY Farmington STATE NM ZIP 87499				PHONE NUMBER: (505) 325-5750	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1000' FSL x 1980' FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: AT TOTAL DEPTH:					
5. LEASE DESIGNATION AND SERIAL NUMBER: FEE					
6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A					
7. UNIT or CA AGREEMENT NAME N/A					
8. WELL NAME and NUMBER: Raider 1-17 Fee					
9. API NUMBER: 4303731871					
10. FIELD AND POOL, OR WILDCAT Wildcat					
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 17 33S 25E					
12. COUNTY San Juan				13. STATE UTAH	

14. DATE SPUDDED: 11/28/2007	15. DATE T.D. REACHED: 4/30/2008	16. DATE COMPLETED: 6/11/2008	ABANDONED <input type="checkbox"/>	READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 6802
18. TOTAL DEPTH: MD 6,104 TVD 6,104	19. PLUG BACK T.D.: MD 6,066 TVD 6,066	20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD	
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) FMI, ECS, GR, CalP, Resistivity, N Phi, D Phi, CBL FMI, ECS. GR, Res, Poro, PN, PD, CBL (RADII Sector)			23. WAS WELL CORED? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)		

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17.5	13 3/8 H 40	54.5	0	148		CLG 550	68	Surf	
12.25	9 5/8 J-55	36	0	2,070		50poz 800	266	surf	
						CLG 200	42		
7.875	5 1/2 P110	17	0	6,105		50poz 350	119		
						35poz 700	146		

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A								

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Pennsylvanian	5,860	5,916			5,860 5,916	0.34	94	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) lsmy								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C) per formation								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D) tops								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5860-5916	135,000 lbs S cement A 2.6 MMCF N2

29. ENCLOSED ATTACHMENTS:

- | | | | |
|---|---|-------------------------------------|---|
| <input checked="" type="checkbox"/> ELECTRICAL/MECHANICAL LOGS | <input type="checkbox"/> GEOLOGIC REPORT | <input type="checkbox"/> DST REPORT | <input type="checkbox"/> DIRECTIONAL SURVEY |
| <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION | <input checked="" type="checkbox"/> CORE ANALYSIS | <input type="checkbox"/> OTHER: | |

30. WELL STATUS:

Active
Prod

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 6/18/2008	TEST DATE: 6/29/2008	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 450	WATER – BBL: 25	PROD. METHOD: flowing
CHOKE SIZE: 22/64	TBG. PRESS.	CSG. PRESS. 430	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: active

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Shinarump	2,500	2,650		Entrada	1,025
Cutler	2,945	4,465		Chinle	2,020
Hermosa	4,465	5,765	oil, gas, water	Cutler	2,945
Ismay	5,765	6,015	oil, gas, water	Hermosa	4,465
Desert Creek	6,015	6,110	oil, gas, water	Ismay	5,765

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Luke Dunn TITLE Engineer
 SIGNATURE [Signature] DATE 7/8/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
 1594 West North Temple, Suite 1210
 Box 145801
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340
 Fax: 801-359-3940



ROTARY SIDEWALL CORE ANALYSIS

PROPRIETARY-CONFIDENTIAL



CROWNQUEST OPERATING, LLC
RAIDER FEE 17-1
SAN JUAN COUNTY, UTAH

A.P.I. NUMBER : 43-037-31871
FIELD : Wildcat
LOCATION: 1099.67' FSL, 1978.9' FEL,
Section 17, T-33-S, R-25-E

FILE NO. : MD-39563
DATE : May 9, 2008
ANALYSTS : WH, SB, PK, JR

DEAN STARK EXTRACTION

SAMPLE NO.	DEPTH ft	GRAIN DENSITY	POR %	PERM mD	SATURATIONS Sw	GAS So	FLUORESCENCE %	LITHOLOGY
1	2610.0	2.67	10.8	5.605	24.9	0.0	0	0
2	2612.0	2.64	12.3	9.706	40.7	0.0	0	0
3	2614.0	2.65	10.8	1.960	34.8	0.0	0	0
4	2640.0	2.66	8.4	0.256	26.6	0.0	0	0
5	2648.0	2.64	8.9	1.481	25.4	0.0	0	0
6	2650.0	2.65	10.1	2.918	26.7	0.0	0	0
7	2652.0	2.65	9.1	1.830	25.2	0.0	0	0
8	2654.0	2.64	8.8	1.860	27.6	0.0	0	0
9	2721.0	2.66	11.2	tbfa	62.1	0.0	0	0
10	2723.0	2.63	10.8	0.982	65.5	0.0	0	0
11	2725.0	2.63	11.1	0.905	67.6	0.0	0	0
12	3522.0	2.66	23.7	180.672	62.1	0.0	0	0
13	3524.0	2.66	22.8	97.839	68.4	0.0	19	0
14	3526.0	2.62	19.6	110.318	66.6	0.0	1	0
15	3528.0	2.63	20.9	84.301	69.8	0.0	2	0
16	3531.0	2.65	21.3	62.748	68.3	0.0	0	0
17	3767.0	2.66	20.5	27.424	68.4	0.0	3	0
18	3769.0	2.64	18.3	132.997	58.3	0.0	8	0
19	3773.0	2.67	17.2	39.024	47.5	0.0	1	0
20	3886.0	2.74	18.5	0.166	58.9	0.0	0	0
21	3891.0	2.65	21.5	15.778	63.1	0.0	2	0
22	3894.0	2.63	18.4	30.777	52.6	0.0	3	0
23	3898.0	2.62	18.2	2.882	61.4	0.0	1	0
24	3975.0	2.63	19.3	40.267	50.9	0.0	0	0
25	3977.0	2.63	16.5	23.310	44.4	0.0	0	0
26	4113.0	2.65	16.1	0.160	61.8	0.0	0	0
27	4115.0	2.65	17.5	0.324	62.0	0.0	1	0
28	4167.0	2.64	20.2	20.687	58.1	0.0	0	0
29	4169.0	2.64	20.2	59.509	55.4	0.0	19	0
30	4171.0	2.64	20.5	19.630	61.3	0.0	0	0
31	4173.0	2.70	20.0	0.511	65.4	0.0	15	0
32	4211.0	2.64	18.1	0.289	64.9	0.0	7	0
33	4213.0	2.68	16.6	0.159	62.9	0.0	12	0
34	4215.0	2.67	18.3	1.234	61.8	0.0	5	0
35	4217.0	2.64	16.4	0.777	64.3	0.0	1	0
36	4329.0	2.66	18.8	14.034	55.2	0.0	0	0
37	4331.0	2.63	18.4	23.839	59.9	0.0	9	0
38	4333.0	2.64	18.1	30.755	57.1	0.0	2	0
39	4335.0	2.65	18.2	9.230	59.1	0.0	3	0
40	4339.0	2.65	18.6	11.436	53.6	0.0	10	0
41	4346.0	2.65	18.4	27.532	58.9	0.0	2	0



ROTARY SIDEWALL CORE ANALYSIS

PROPRIETARY-CONFIDENTIAL



CROWNQUEST OPERATING, LLC
RAIDER FEE 17-1
SAN JUAN COUNTY, UTAH

A.P.I. NUMBER : 43-037-31871
FIELD : Wildcat
LOCATION: 1099.67' FSL, 1978.9' FEL,
Section 17, T-33-S, R-25-E

FILE NO. : MD-39563
DATE : May 9, 2008
ANALYSTS : WH, SB, PK, JR

DEAN STARK EXTRACTION

SAMPLE NO.	DEPTH ft	GRAIN DENSITY	POR %	PERM mD	SATURATIONS Sw	GAS So	FLUORESCENCE %	LITHOLOGY
42	4348.0	2.64	15.0	16.709	52.2	0.0	1	0
43	4463.0	2.64	17.3	0.679	65.0	0.0	12	0
44	4465.0	2.64	17.1	0.271	63.5	0.0	24	0
45	4503.0	2.64	20.2	9.868	61.1	0.0	3	0
46	4507.0	2.66	22.5	28.466	62.2	0.0	9	0
47	4509.0	2.65	19.6	26.768	54.8	0.0	8	0
48	4511.0	2.65	20.2	17.967	60.3	0.0	0	0
49	4513.0	2.64	19.1	72.494	54.1	0.0	13	0
50	4826.0	2.66	17.9	0.375	58.7	0.0	23	0
51	4830.0	2.65	22.2	0.877	68.3	0.0	28	0
52	4833.0	2.67	21.4	1.645	68.4	0.0	24	0
53	4836.0	2.66	20.5	6.616	59.8	0.0	0	0
54	4838.0	2.64	19.1	8.563	58.1	0.0	3	0
55	4915.0	2.68	12.2	0.121	66.6	0.0	4	0
56	4917.0	2.68	17.2	0.119	74.9	0.0	5	0
57	4919.0	2.68	15.7	0.165	61.5	0.0	19	0
58	4930.0	2.70	15.0	0.071	71.7	0.0	2	0
59	4931.0	2.67	18.6	0.380	65.5	0.0	4	0
60	4933.0	2.67	19.6	0.666	62.7	0.0	2	0
61	5019.0	2.66	20.8	0.557	66.6	0.0	10	0
62	5021.0	2.64	21.0	6.572	67.0	0.0	2	0
63	5023.0	2.68	21.8	0.674	69.0	0.0	9	0
64	5025.0	2.66	20.2	0.373	71.7	0.0	1	0
65	5027.0	2.64	16.7	1.967	62.6	0.0	7	0
66	5029.0	2.64	15.9	2.001	59.3	0.0	5	0
67	5205.0	2.67	1.5	0.024	78.5	0.0	2	0
68	5207.0	2.64	16.8	0.824	57.9	0.0	30	0
69	5209.0	2.65	16.3	0.484	60.9	0.0	4	0
70	5211.0	2.65	16.2	0.228	64.6	0.0	0	0
71	5213.0	2.65	17.3	0.251	63.1	0.0	3	0

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
Ralder 1-17 Fee

9. API NUMBER:
4303731871

10. FIELD AND POOL, OR WILDCAT:
Wildcat

1. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
CrownQuest Operating, LLC

3. ADDRESS OF OPERATOR:
PO Box 2221 CITY **Farmington** STATE **NM** ZIP **87499**

PHONE NUMBER:
(505) 325-5750

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **1000' FSL x 1980' FEL** COUNTY: **San Juan**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SWSE 17 33S 25E** STATE: **UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 7/17/2008	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input checked="" type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Add Perfs
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

1. MIRU PU.
2. PU 2-3/8" J-55 tbg w/ 4-3/4" bit & 17# 5.5" csg scrapper & RIH to 5996'. POH w/ tbg.
3. RU WL & set CBP at 5950'. Add perforations 5817-25' w/ 2 spf 120 degree phasing. RD MO WL. *isner*
4. RIH w/ clear NC, 1 jnts 2-3/8 J-55, 1.78" SN, & remainder of 2-3/8" tbg to land the NC at 5900'.
5. ND BOP & NU WH. Swab well in if necessary. RDMO PU.

COPY SENT TO OPERATOR

Date: **7-16-2008**

Initials: **KS**

NAME (PLEASE PRINT) **Luke Dunn** TITLE **Engineering**
SIGNATURE *[Signature]* DATE **7/11/2008**

(This space for State use only)

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**
DATE: **7/15/08**
BY: *[Signature]*

(See Instructions on Reverse Side)

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JUL 15 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS <small>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.</small>		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: CrownQuest Operating, LLC		8. WELL NAME and NUMBER: Raider 1-17 Fee
3. ADDRESS OF OPERATOR: PO Box 2221 CITY Farmington STATE NM ZIP 87499		9. API NUMBER: 4303731871
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1000' FSL x 1980' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 17 33S 25E		10. FIELD AND POOL, OR WILDCAT: Wildcat
		PHONE NUMBER: (505) 325-5750

COUNTY: **San Juan**

STATE: **UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT <small>(Submit in Duplicate)</small> Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>Operations Report</u>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT <small>(Submit Original Form Only)</small> Date of work completion: 7/22/2008			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CrownQuest Operating, LLC has performed the attached operations for the time period of June 17, 2008 through July 22, 2008.

NAME (PLEASE PRINT) <u>Rhonda Padilla</u>	TITLE <u>Production/ Regulatory Analyst</u>
SIGNATURE 	DATE <u>8/28/2008</u>

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DIV. OF OIL, GAS & MINING

Raider #1-17 Fee
San Juan County, UT
API# 4303731871
CrownQuest Operating, LLC

Jun 17, 2008
Flow back well.

Jun 18, 2008
Flow back well.

July 17, 2008
Road rig and equip f/ Montezuma 41-17-74 to Raider 1-17. MIRU.

July 18, 2008
PJSM. Csg flowing to sales 150 psi. BD well to flow back tank, kill well w/ 80 bbls 3% kcl. ND frac valve, NU BOPE, RU floor and tongs, tally and PU 2-3/8" tbg and rabbit on TIH, TIH w/ 4 3/4" bit and 5 1/2" csg scraper, tag 4' out on jt. #183 @ 5962', TOOH w/ bit and scraper, secure well, SDFW

July 21, 2008
SICP=400#. RU Blue Jet WL & set 5 1/2" CIBP @ 5950'. POOH, RIH and perforate Ismay w/ 3 1/8" HSC gun, .38 dia holes, 2 spf f/ 5817' to 5825', total of 16 holes. RD WL, NU stripping head, BD csg to FB tank, csg dead, got 1 jt in hole, well unloaded, let csg blow to tank until 3% kcl arrives. 3% kcl, pump 80 bbls to kill well, TIH w/ 2 3/8" prod. Tbg., land 2-3/8" 4.7# J-55 eue tbg as follows top down w/ kb corr: 180 jts, 1.78" SN @ 5869', 1 jt, 2 3/8" cplg @ 5903', ND BOPE, install TIW on tbg, secure well. SDFN.

July 22, 2008
PJSM, SITP=0, SICP=140, NU tree, RU to swab, fluid level 3000', made 17 swab runs, csg press increase to 900#, well kicked off, flow to FB. SDFN.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
CrownQuest Operating, LLC

3. ADDRESS OF OPERATOR:
PO Box 2221 CITY Farmington STATE NM ZIP 87499

PHONE NUMBER:
(505) 325-5750

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1000' FSL x 1980' FEL

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 17 33S 25E

5. LEASE DESIGNATION AND SERIAL NUMBER:
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
Raider 1-17 Fee

9. API NUMBER:
4303731871

10. FIELD AND POOL, OR WILDCAT:
Wildcat

COUNTY: San Juan

STATE:
UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/13/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operations Report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CrownQuest Operating, LLC has performed the attached operations for the time period of July 23, 2008 through November 13, 2008.

NAME (PLEASE PRINT) Rhonda Padilla

TITLE Production/ Regulatory Analyst

SIGNATURE

Rhonda Padilla

DATE

11/21/2008

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DEC 01 2008
DIV. OF OIL, GAS & MINING

Raider #1-17 Fee
San Juan County, UT
API# 4303731871
CrownQuest Operating, LLC

Jul 23, 2008

PJSM, well still flowing, RDMO, rel rig to Explorer St. 1-16

Aug 08, 2008

4:14 pm BHFP 533 psi at 5800' (269 psi on surf, flowing gradient 0.0455 psi/ ft). SI at 5:30 pm 8/8/08 (total SI time 66.8 hrs).

Aug 11, 2008

8/11/08 12:16 pm SIBHP 1026 psi at 5800' (872 psi on surf, flowing gradient 0.0266 psi/ ft). Still building about 0.75 psi/ min.

Oct 29, 2008

MIRU. Well wouldn't blow down, left down line overnight.

Oct 30, 2008

MIRU Unable to blow well down. Leave well flowing down line.

Oct 31, 2008

Held safety meeting. POH w/rest of tubing. RU WL. RIH & set RBP at 5845' MD KB. RIH w/ pkr. & tested RBP to 1500 psi. set pkr @ 5877'. SDFN.

Nov 3, 2008

Held safety meeting. WO, held up at port with acid leak on transport. RU held pre-job safety meeting. Pressure test pump and lines to 5000 psi (2% KCL Water), held OK. Acidize 5817-25' thru pkr @ 5777 (RBP @ 5845') w/ 2000 gal 20% HCl w/ clay stabilizer, mutual solvent, iron inhibitor, & double corrosion inhibitor at 2.2 bpm & max pressure of 150 psi. Flush w/ 28 bbls 2% KCl (5 bbls over). SWIFN.

Nov 4, 2008

Safety Meeting. Swab Ismay (5817-25') thru pkr @ 5777 (RBP @ 5845') SITP - 0 PSI

Starting FL @ 4200 Made 12 Runs recovered 35 Bbls. FL remained @ 4200 for first 6 runs, pulling from S/N. Slight blow after each run. Well started gassing on last 6 runs, unable to feel FL. Well trying to flow. Load 85 Bbls - 50 Bbls YTBR - SWIFN.

Nov 5, 2008

Safety Mtg - SITP 750 PSI after 15 Hours. Flowed 5817-25' thru pkr @ 5777 (RBP @ 5845') to rig tank. Made 30 Bbls in 6 hours. FTP 15-40 PSI. 20 Bbls YTBR. Turn well down line, Flowing 400 MCF/D rate on 26/64 Choke, at 160 PSI. Line Pressure 115 PSI. RD Rig, ready to move to Anteater 1-21X. Well Flowing down line thru BOP's. Turned well over to Production.

Date	Days	Hrs off	MCFD	Tbg Pres	BOPD	BWPD
11/5/2008	147	9	175	140		0
11/6/2008	148		119	140		30.06
11/7/2008	149		179	140		20.04
11/8/2008	150		146	140		0
11/9/2008	151		114	110		0
11/10/2008	152		107	110		0

Nov 11, 2008

Safety Mtg - MIRU Rig. Kill well w/ 10 Bbls 3% KCL. Released pkr, RIH w/ 2 jts, latch onto RBP. POOH, no plug. RIH w/ 10 STD kill string. CWIFN.

Nov 12, 2008

Safety Mtg – Kill well w/ 10 bbls 3% KCL. POOH w/ 10 STD kill string. PU – RIH w/ short catch overshot to RBP @ 5939.18 (WL Measurement). Latch onto RBP - POOH & LD. RIH w/ production tbg, Collar – 1 Jt – S/N – 177 Jts 2 3/8" Tbg. Landed at 5801.27' (16.73' above top perf). L/D 3 Jts - 97.15 (Threads Off) – Moved to Anteater 1-21X.) - ND BOPE's - NU Wellhead.

Nov 13, 2008

SITP – 300#, SICP – 180#. Bled down in 15 mins, RU and swab well. Starting FL @ 4,000'. Made three runs from S/N, recovered 13 Bbls, well started flowing. Turn well over to production. Well flowing between 180 and 250 MCF/D, unloading fluid. Move to Anteater 1-21X.

PROPRIETARY-CONFIDENTIAL

CROWNQUEST

CROWNQUEST OPERATING, LLC

November 17, 2009

Dustin Doucet
Utah Division of Oil, Gas & Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Wildcat Status on Utah Wells

Dustin,

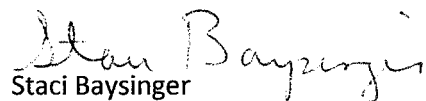
As discussed with you in our phone conversation we are requesting wildcat status on our Utah properties.

Per R649-3-35, enclosed is the information needed for final designation of wildcat status on the wells referenced below.

- Tank Canyon 1-9
- Raider Fee 1-17
- Bradford Canyon 1-10
- Anteater State 1-21X
- Explorer State 1-16
- SP Meyer #1

Please contact myself or Bob Griffie if more information is needed. Thank you in advance for your help in this matter.

Sincerely,



Staci Baysinger
Financial Manager Northern Region
CrownQuest Operating, LLC
sbaysinger@crownquest.com

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NOV 18 2009

DIV. OF OIL, GAS & MINING

Raider Fee 1-17

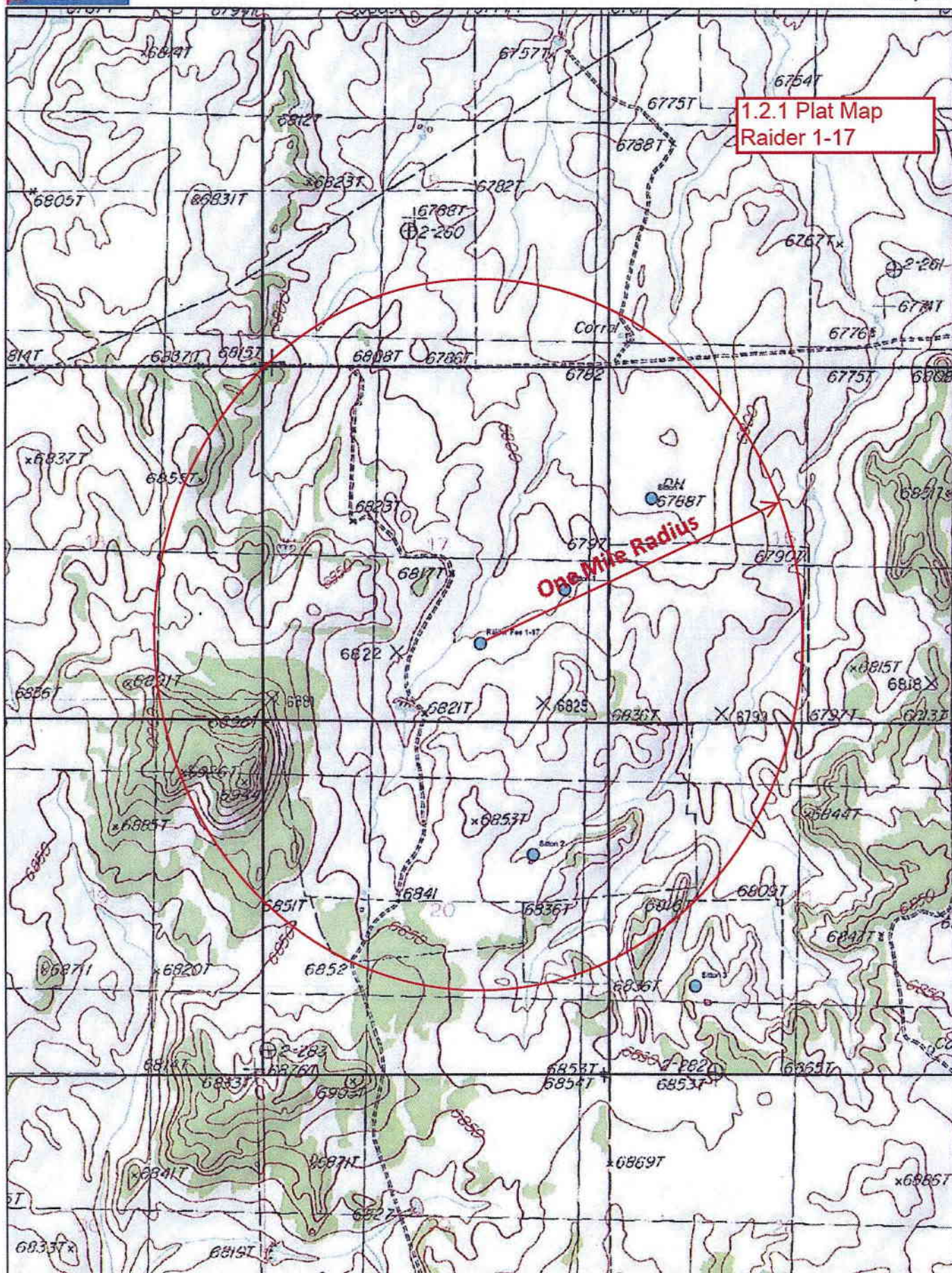
1.2.1 The plat map is attached. There are no producing wells within a one mile radius of this well. The Sitton 1 and Sitton 2 wells shown on the map were plugged and abandoned in 1959.

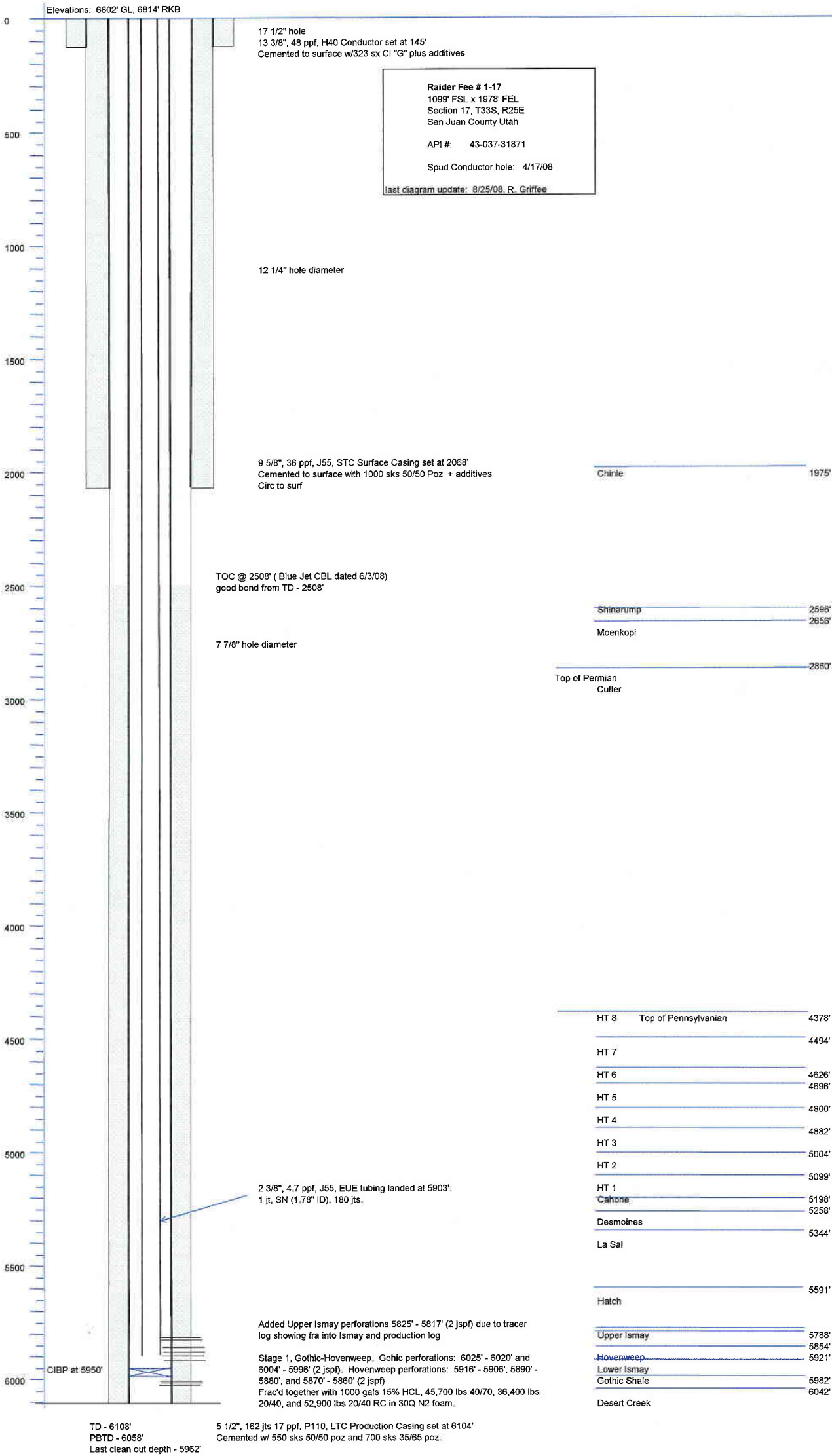
1.2.2 The attached well bore diagram shows the completed zones. All perforations are believed to contribute to the total production of the well.

1.2.3 There are no wells in the designated area. The stratigraphic sequence is shown on the well bore diagram.

1.2.4 The specific geologic structure pertaining to this well is yet to be designated.

1.2.5 There are no producing wells in the designated area with which to compare bottom hole pressures.





DIVISION OF OIL, GAS AND MINING
Wildcat Well Determination
STATEMENT OF BASIS

Applicant: CrownQuest Operating, LLC

Location: SWSE Sec. 17 T33S, R25E, San Juan County, Utah

WELL NAME: Raider 1-17 Fee **API #:** 43-037-31871

FINDINGS

1. The subject well was spud on November 28, 2007. Total depth was reached on April 30, 2008 and the well was completed on June 18, 2008.
2. There were three other wells drilled within a 1 mile radius of the subject well. One of them, the Sitton 1 well (API # 43-037-11437) was originally drilled in the early 1950's and then reentered in 1955 before being P&A'd in 1959. The Sitton 1 well flowed up to 1600 Mcf/day in the Paradox formation and reportedly cumulated 3 to 5 MMcf before being plugged the first time in the early 1950's. The Sitton 2 well (API # 43-037-11438) also was reported to be productive in the Paradox formation although there is no record of how much gas was produced.
3. The subject well currently produces from the Paradox formation from 5860' to 5916'. This is approximately the same interval that had the documented 1600 mcf/day flow (records show perf depths of 5803' to 5821' in the Sitton 1 well).
4. The subject well sits in between the Sitton 1 well (1548' northeast of the subject well) and the Sitton 2 well (3240' southwest of the subject well).
5. The two productive Sitton wells were productive from the Honaker Trail and Paradox formations according to tests and reports. A third well, the Sitton 4 well, was a non productive well 3484' northeast of the subject well, although it did have shows in the Honaker Trail and Paradox formations.
6. The Wildcat Tax Credit application was received almost 1 1/2 years after completion of the subject well. Future submittals should be filed timely (see submittal requirements in R649-3-35-1).

CONCLUSIONS

Based on the findings above the Division has determined the Raider 1-17 Fee well was drilled into an known area for the Honaker Trail and Paradox formations. The wells in the 1 mile radius (see attachment A) all had gas shows or produced in paying quantities in the early 1950's. Significant data, including DST's, cores, geological data and descriptions and flow rates had been obtained from the drilling and completion of those wells.

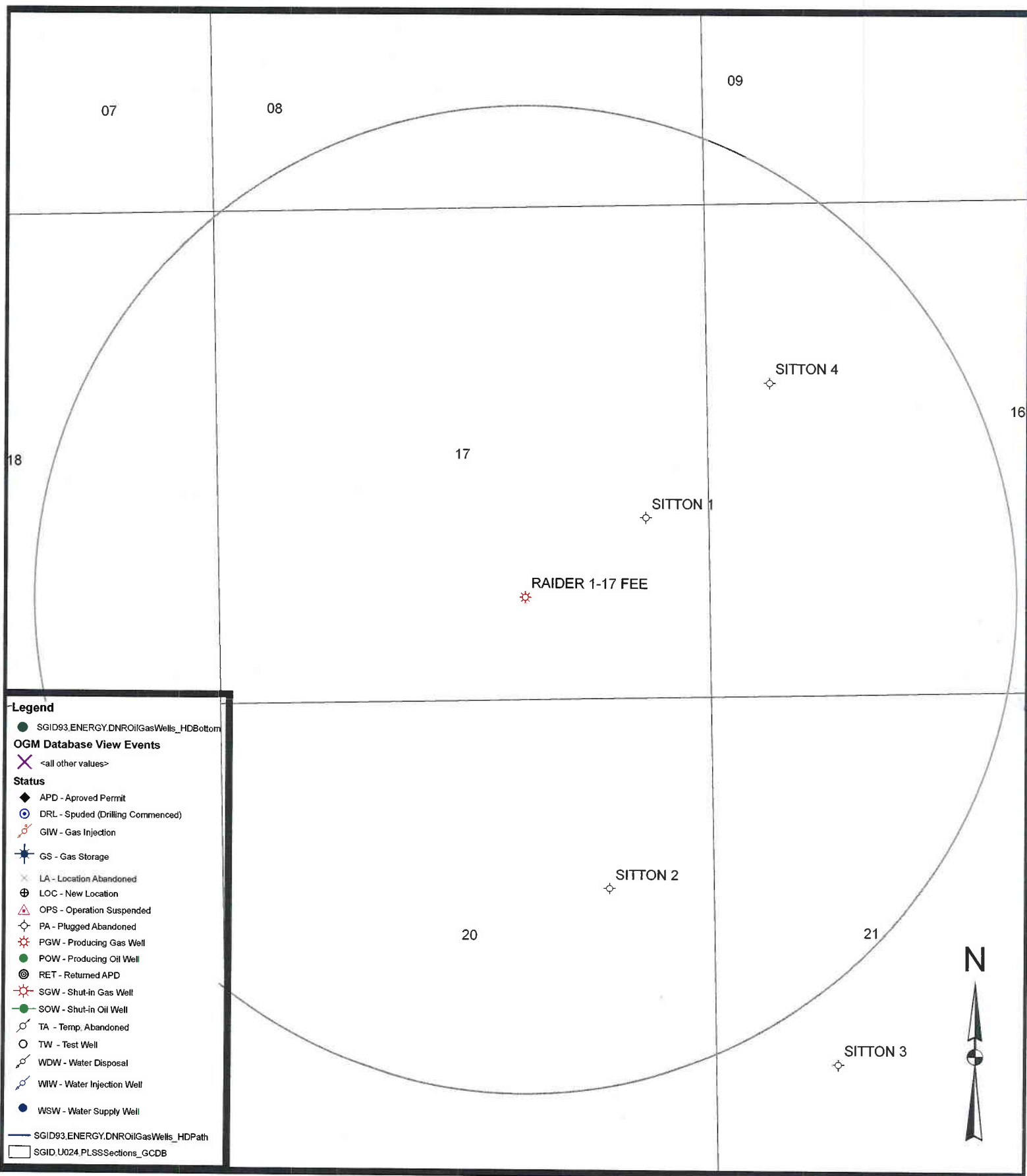
The application was also received after the Well Completion Report was submitted and after production had commenced in the area. Future requests for wildcat well determination should be submitted in accordance with R649-3-35-1.

Therefore, the Division finds that this well does not qualify for the severance tax exemption under Section 59-5-102(2)(d) for wildcat wells. This determination was made in accordance with Oil and Gas General Conservation Rule R649-3-35. If the operator disagrees with this determination, the decision may be appealed to the Board of Oil Gas and Mining.

Reviewer(s): Dustin K. Doucet  _____ Date: 12/16/2009

Wildcat Designation Area of Review

Raider 1-17 Fee Well



ATTACHMENT A														
1 Mile Area of Review														
API	WELL_NAME	Well Status	QTR	Sect	Town	Range	Cum Oil	Cum Gas	Field Type	Dx From Well(ft)	Rotary Spud	Date TD Reached	Date First Produced	Producing Formation
4303711437	SITTON 1	PA	NESE	17	330S	250E	0	0	W	1548	9/20/1955	7/18/1956	7/18/1956	Honaker Trail, Ismay, (Pennsylvanian)
4303711438	SITTON 2	PA	SENE	20	330S	250E	0	0	W	3240	6/15/1955	7/18/1956	7/18/1956	Honaker Trail (Pennsylvanian)
4303711440	SITTON 4	PA	SWNW	16	330S	250E	0	0	W	3484	9/24/1955	12/13/1955	12/13/1955	Ismay, Desert Creek(Pennsylvanian)
4303731871	RAIDER 1-17 FEE	P	SWSE	17	330S	250E	0	57702	W	0	11/28/2007	4/30/2008	6/18/2008	Ismay(Pennsylvanian)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. LEASE DESIGNATION AND SERIAL NUMBER:

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Ralder 1-17 Fee

9. API NUMBER:

4303731871

10. FIELD AND POOL, OR WILDCAT:

Wildcat

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

2. NAME OF OPERATOR:

CrownQuest Operating, LLC

3. ADDRESS OF OPERATOR:

P.O. Box 2221

CITY Farmington

STATE NM

ZIP 87401

PHONE NUMBER:

(505) 325-5750

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1000' FSL x 1980' FEL

COUNTY: San Juan

QTR/CTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 17 33S 25E

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

TYPE OF ACTION

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: wildcat designation

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CrownQuest Operating LLC requests wildcat designation for this well.

NAME (PLEASE PRINT) Robert R. Griffie

TITLE Operations Manager

SIGNATURE

DATE 11/30/2009

(This space for State use only)

REQUEST DENIED
Utah Division of
Oil, Gas and Mining

Date: 12/16/09

By: [Signature]

See attached Statement of Basis
cc: Tax Commission

RECEIVED

NOV 30 2009

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE			
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: CROWNQUEST OPERATING, LLC		7. UNIT or CA AGREEMENT NAME:			
3. ADDRESS OF OPERATOR: 303 Veterans Airpark Ln Ste 5100 , Midland, TX, 79705		8. WELL NAME and NUMBER: RAIDER 1-17 FEE			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1099 FSL 1978 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 17 Township: 33.0S Range: 25.0E Meridian: S		9. API NUMBER: 43037318710000			
PHONE NUMBER: 432 818-0300 Ext		9. FIELD and POOL or WILDCAT: WILDCAT			
COUNTY: SAN JUAN		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/21/2016 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="text-align: center; padding: 20px;"> Well is back on production as of November 21, 2016. </div> <div style="text-align: right; padding: 20px;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 23, 2016 </div>					
NAME (PLEASE PRINT) Jeremy Divine	PHONE NUMBER 432 557-6778	TITLE Foreman			
SIGNATURE N/A	DATE 12/13/2016				